



Customer-Focused Solutions

July 25, 2005

ConocoPhillips Company
76 Broadway
Sacramento, CA 95818

ATTN: MR. THOMAS H. KOSEL

SITE: 76 STATION 5830
2799 YULUPA AVENUE
SANTA ROSA, CALIFORNIA

RE: SEMI-ANNUAL MONITORING REPORT
JANUARY THROUGH JUNE 2005

Dear Mr. Kosel:

Please find enclosed our Semi-Annual Monitoring Report for 76 Station 5830, located at 2799 Yulupa Avenue, Santa Rosa, California. If you have any questions regarding this report, please call us at (949) 753-0101.

Sincerely,

TRC

Anju Farfan *for*
QMS Operations Manager

CC: Mr. Jan Wagoner, Delta Environmental, Inc. (3 copies)

Enclosures
20-0400/5830R04.QMS



Customer-Focused Solutions

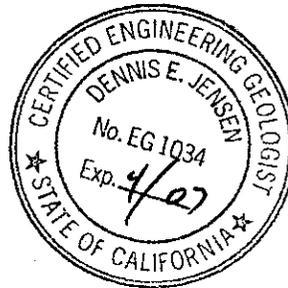
**SEMI-ANNUAL MONITORING REPORT
JANUARY THROUGH JUNE 2005**

76 STATION 5830
2799 Yulupa Avenue
Santa Rosa, California

Prepared For:

Mr. Thomās H. Kosel
CONOCOPHILLIPS COMPANY
76 Broadway
Sacramento, California 95818

By:



Senior Project Geologist, Irvine Operations
July 22, 2005

LIST OF ATTACHMENTS

Summary Sheet	Summary of Gauging and Sampling Activities
Tables	Table Key Table 1: Current Fluid Levels and Selected Analytical Results Table 2: Historic Fluid Levels and Selected Analytical Results Table 3: Additional Analytical Results
Figures	Figure 1: Vicinity Map Figure 2: Groundwater Elevation Contour Map Figure 3: Dissolved-Phase TPH Concentration Map Figure 4: Dissolved-Phase Benzene Concentration Map Figure 5: Dissolved-Phase MTBE Concentration Map
Graphs	Groundwater Elevations vs. Time Benzene Concentrations vs. Time MTBE Concentrations vs. Time
Field Activities	General Field Procedures Groundwater Sampling Field Notes
Laboratory Reports	Official Laboratory Reports Quality Control Reports Chain of Custody Records
Statement	Purge Water Disposal Limitations

Summary of Gauging and Sampling Activities
January 2005 through June 2005
76 Station 5830
2799 Yulupa Avenue
Santa Rosa, CA

Project Coordinator: **Thomas Kosel**
Telephone: **916-558-7666**

Water Sampling Contractor: **TRC**
Compiled by: **Christina Carrillo**

Date(s) of Gauging/Sampling Event: **06/07/05, 06/30/05**

Sample Points

Groundwater wells: **6** onsite, **5** offsite Wells gauged: **11** Wells sampled: **11**
Purging method: **Diaphragm pump**
Purge water disposal: **Onyx/Rodeo Unit 100**
Other Sample Points: **0** Type: **n/a**

Liquid Phase Hydrocarbons (LPH)

Wells with LPH: **0** Maximum thickness (feet): **n/a**
LPH removal frequency: **n/a** Method: **n/a**
Treatment or disposal of water/LPH: **n/a**

Hydrogeologic Parameters

Depth to groundwater (below TOC): Minimum: **6.23 feet** Maximum: **9.78 feet**
Average groundwater elevation (relative to available local datum): **233.69 feet**
Average change in groundwater elevation since previous event: **1.02 feet**
Interpreted groundwater gradient and flow direction:
 Current event: **0.01 ft/ft, north**
 Previous event: **0.01 ft/ft, north (11/12/04)**

Selected Laboratory Results

Wells with detected **Benzene**: **0** Wells above MCL (1.0 µg/l): **n/a**
 Maximum reported benzene concentration: **n/a**

Wells with **TPPH 8260B** **0**
Wells with **MTBE** **6** Maximum: **47 µg/l (MW-7)**

Notes:

MW-3=Gauged and sampled on 6-30-05, MW-4=Gauged and sampled on 6-30-05, MW-5=Gauged and sampled on 6-30-05, MW-6=Gauged and sampled on 6-30-05, MW-8=Gauged and sampled on 6-30-05,

TABLES

TABLE KEY

STANDARD ABBREVIATIONS

--	=	not analyzed, measured, or collected
LPH	=	liquid-phase hydrocarbons
Trace	=	less than 0.01 foot of LPH in well
µg/l	=	micrograms per liter (approx. equivalent to parts per billion, ppb)
mg/l	=	milligrams per liter (approx. equivalent to parts per million, ppm)
ND <	=	not detected at or above laboratory detection limit
TOC	=	top of casing (surveyed reference elevation)

ANALYTES

BTEX	=	benzene, toluene, ethylbenzene, and (total) xylenes
DIPE	=	di-isopropyl ether
ETBE	=	ethyl tertiary butyl ether
MTBE	=	methyl tertiary butyl ether
PCB	=	polychlorinated biphenyls
PCE	=	tetrachloroethene
TBA	=	tertiary butyl alcohol
TCA	=	trichloroethane
TCE	=	trichloroethene
TPH-G	=	total petroleum hydrocarbons with gasoline distinction
TPH-D	=	total petroleum hydrocarbons with diesel distinction
TPPH	=	total purgeable petroleum hydrocarbons
TRPH	=	total recoverable petroleum hydrocarbons
TAME	=	tertiary amyl methyl ether
1,1-DCA	=	1,1-dichloroethane
1,2-DCA	=	1,2-dichloroethane (same as EDC, ethylene dichloride)
1,1-DCE	=	1,1-dichloroethene
1,2-DCE	=	1,2-dichloroethene (cis- and trans-)

NOTES

1. Elevations are in feet above mean sea level. Depths are in feet below surveyed top-of-casing.
2. Groundwater elevations for wells with LPH are calculated as: $\text{Surface Elevation} - \text{Measured Depth to Water} + (\text{Dp} \times \text{LPH Thickness})$, where Dp is the density of the LPH, if known. A value of 0.75 is used for gasoline and when the density is not known. A value of 0.83 is used for diesel.
3. Wells with LPH are generally not sampled for laboratory analysis (see General Field Procedures).
4. Comments shown on tables are general. Additional explanations may be included in field notes and laboratory reports, both of which are included as part of this report.
5. A "J" flag indicates that a reported analytical result is an estimated concentration value between the method detection limit (MDL) and the practical quantification limit (PQL) specified by the laboratory.
6. Other laboratory flags (qualifiers) may have been reported. See the official laboratory report (attached) for a complete list of laboratory flags.
7. Concentration graphs based on tables (presented following Figures) show non-detect results prior to the Second Quarter 2000 plotted at fixed values for graphical display. Non-detect results reported since that time are plotted at reporting limits stated in the official laboratory report.
8. Groundwater vs. Time graphs may be corrected for apparent level changes due to resurvey.

REFERENCE

TRC began groundwater monitoring and sampling for 76 Station 5830 in October 2003. Historical data compiled prior to that time were provided by Gettler-Ryan Inc.

Table 1
CURRENT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
June 7, 2005
76 Station 5830

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-1														
06/07/05	243.56	9.21	0.00	234.35	0.09	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-2														
06/07/05	242.00	6.91	0.00	235.09	1.29	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2.4	
MW-3														
06/30/05	242.46	7.78	0.00	234.68	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	Gauged and sampled on 6-30-05
MW-4														
06/30/05	243.23	9.78	0.00	233.45	1.39	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	Gauged and sampled on 6-30-05
MW-5														
06/30/05	243.62	9.76	0.00	233.86	1.28	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	Gauged and sampled on 6-30-05
MW-6														
06/30/05	242.72	9.73	0.00	232.99	1.04	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.89	Gauged and sampled on 6-30-05
MW-7														
06/07/05	241.57	8.17	0.00	233.40	1.06	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	47	
MW-8														
06/30/05	241.27	6.23	0.00	235.04	1.00	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.62	Gauged and sampled on 6-30-05
MW-9														
06/07/05	240.92	9.07	0.00	231.85	0.65	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.76	
MW-10														
06/07/05	240.87	9.58	0.00	231.29	0.99	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-11														
06/07/05	241.13	6.54	0.00	234.59	1.40	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.70	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

June 1988 Through June 2005

76 Station 5830

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-1														
06/15/88	--	--	--	--	--	570	--	0.5	ND	36	100	--	--	
10/07/88	--	--	0.00	--	--	ND	--	ND	ND	ND	ND	--	--	
12/20/88	--	--	0.00	--	--	ND	--	ND	ND	ND	ND	--	--	
03/21/89	--	--	0.00	--	--	270	--	ND	ND	ND	37	--	--	
06/16/89	--	--	0.00	--	--	ND	--	ND	ND	ND	ND	--	--	
09/26/89	--	--	0.00	--	--	540	--	ND	ND	18	47	--	--	
12/13/89	--	--	0.00	--	--	ND	--	ND	ND	ND	ND	--	--	
03/14/90	--	--	0.00	--	--	280	--	1.2	2.3	12	23	--	--	
06/12/90	--	--	0.00	--	--	52	--	ND	ND	2.2	4.1	--	--	
09/26/90	--	--	0.00	--	--	ND	--	ND	ND	ND	ND	--	--	
01/19/91	--	--	0.00	--	--	ND	--	ND	ND	ND	ND	--	--	
04/19/91	--	--	0.00	--	--	220	--	1.3	ND	9.7	18	--	--	
07/03/91	--	--	0.00	--	--	180	--	ND	ND	4.2	11	--	--	
10/09/91	--	--	0.00	--	--	ND	--	ND	ND	ND	ND	--	--	
02/14/92	--	--	0.00	--	--	140	--	0.41	ND	7.5	18	--	--	
08/13/92	--	--	0.00	--	--	ND	--	ND	ND	1.4	2.3	--	--	
02/25/93	--	--	0.00	--	--	ND	--	ND	ND	ND	ND	--	--	
05/25/93	244.14	9.15	0.00	234.99	--	--	--	--	--	--	--	--	--	
08/25/93	244.14	9.89	0.00	234.25	-0.74	120	--	ND	ND	3.3	4.6	--	--	
11/07/93	243.48	9.57	0.00	233.91	-0.34	--	--	--	--	--	--	--	--	
02/23/94	243.48	7.59	0.00	235.89	1.98	ND	--	ND	ND	1.3	1.7	--	--	
05/25/94	243.48	8.77	0.00	234.71	-1.18	--	--	--	--	--	--	--	--	
08/22/94	243.48	9.75	0.00	233.73	-0.98	70	--	ND	ND	1.8	2	--	--	
11/22/94	243.48	8.77	0.00	234.71	0.98	--	--	--	--	--	--	--	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
June 1988 Through June 2005
76 Station 5830

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-1 continued														
02/24/95	243.48	6.98	0.00	236.50	1.79	120	--	0.5	ND	2.8	29	--	--	
05/22/95	243.48	7.55	0.00	235.93	-0.57	--	--	--	--	--	--	--	--	
08/28/95	243.48	8.46	0.00	235.02	-0.91	ND	--	ND	1.3	ND	1.5	--	--	
11/09/95	243.48	9.60	0.00	233.88	-1.14	--	--	--	--	--	--	--	--	
02/08/96	243.48	6.38	0.00	237.10	3.22	140	--	0.63	ND	3.8	4.2	--	--	
05/17/96	243.48	7.65	0.00	235.83	-1.27	--	--	--	--	--	--	--	--	
08/29/96	243.48	9.27	0.00	234.21	-1.62	ND	--	ND	ND	ND	ND	--	--	
11/27/96	243.48	8.81	0.00	234.67	0.46	--	--	--	--	--	--	--	--	
02/28/97	243.48	8.01	0.00	235.47	0.80	ND	--	ND	ND	0.68	0.55	ND	--	
06/24/97	243.48	9.08	0.00	234.40	-1.07	--	--	--	--	--	--	--	--	
08/20/97	243.48	9.70	0.00	233.78	-0.62	ND	--	ND	ND	ND	ND	--	--	
11/21/97	243.48	8.44	0.00	235.04	1.26	--	--	--	--	--	--	--	--	
02/07/98	243.48	6.61	0.00	236.87	1.83	ND	--	ND	ND	ND	ND	--	--	
05/04/98	243.48	6.92	0.00	236.56	-0.31	--	--	--	--	--	--	--	--	
07/27/98	243.48	8.24	0.00	235.24	-1.32	ND	--	ND	ND	ND	ND	--	--	
11/02/98	243.48	9.35	0.00	234.13	-1.11	--	--	--	--	--	--	--	--	
02/13/99	243.48	6.93	0.00	236.55	2.42	ND	--	ND	ND	ND	ND	--	--	
05/04/99	243.48	7.81	0.00	235.67	-0.88	--	--	--	--	--	--	--	--	
08/06/99	243.48	8.97	0.00	234.51	-1.16	ND	--	ND	ND	ND	ND	--	--	
11/19/99	243.48	9.56	0.00	233.92	-0.59	--	--	--	--	--	--	--	--	
02/12/00	243.48	6.89	0.00	236.59	2.67	ND	--	ND	ND	ND	ND	--	--	
05/06/00	243.48	8.86	0.00	234.62	-1.97	--	--	--	--	--	--	--	--	
08/04/00	243.48	9.26	0.00	234.22	-0.40	ND	--	ND	ND	ND	ND	--	--	
11/14/00	243.48	9.66	0.00	233.82	-0.40	--	--	--	--	--	--	--	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
June 1988 Through June 2005
76 Station 5830

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-1 continued														
02/16/01	243.48	8.92	0.00	234.56	0.74	ND	--	ND	ND	ND	ND	ND	ND	
05/04/01	243.48	9.35	0.00	234.13	-0.43	--	--	--	--	--	--	--	--	
08/01/01	243.48	10.42	0.00	233.06	-1.07	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
11/10/01	243.48	10.82	0.00	232.66	-0.40	--	--	--	--	--	--	--	--	Sampled semi-annually
02/01/02	243.48	8.35	0.00	235.13	2.47	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
05/02/02	243.48	9.18	0.00	234.30	-0.83	--	--	--	--	--	--	--	--	Sampled semi-annually
07/23/02	243.56	9.76	0.00	233.80	-0.50	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
11/20/02	243.56	9.63	0.00	233.93	0.13	--	--	--	--	--	--	--	--	Sampled semi-annually
02/27/03	243.56	8.87	0.00	234.69	0.76	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	--	
05/29/03	243.56	9.03	0.00	234.53	-0.16	--	--	--	--	--	--	--	--	Sampled semi-annually
08/08/03	243.56	9.84	0.00	233.72	-0.81	81	--	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
11/07/03	243.56	10.63	0.00	232.93	-0.79	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
05/12/04	243.56	9.35	0.00	234.21	1.28	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
11/12/04	243.56	9.30	0.00	234.26	0.05	--	--	--	--	--	--	--	--	Sampled Semi Annually
06/07/05	243.56	9.21	0.00	234.35	0.09	ND<50	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-2														
06/15/88	--	--	--	--	--	470	--	4.2	4	2.4	3.8	--	--	
10/07/88	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
12/20/88	--	--	--	--	--	200	--	1.2	ND	ND	ND	--	--	
03/21/89	--	--	--	--	--	380	--	ND	1	ND	ND	--	--	
06/16/89	--	--	--	--	--	150	--	1.2	ND	0.94	ND	--	--	
09/26/89	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
12/13/89	--	--	--	--	--	100	--	0.93	ND	0.84	1.6	--	--	
03/14/90	--	--	--	--	--	210	--	47	4.7	0.96	2.7	--	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

June 1988 Through June 2005

76 Station 5830

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-2 continued														
06/12/90	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
09/26/90	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
01/19/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
04/19/91	--	--	--	--	--	160	--	0.37	ND	0.36	0.85	--	--	
07/03/91	--	--	--	--	--	78	--	ND	ND	2.4	9.5	--	--	
10/09/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
02/14/92	--	--	--	--	--	87	--	2.2	ND	0.72	2.2	--	--	
08/13/92	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
02/25/93	--	--	--	--	--	9300	--	ND	ND	ND	ND	--	--	
03/26/93	--	--	--	--	--	8400	--	ND	ND	ND	ND	13000	--	
05/25/93	242.49	7.70	0.00	234.79	--	3600	--	ND	ND	ND	ND	7800	--	
08/25/93	242.49	8.18	0.00	234.31	-0.48	1600	--	ND	ND	ND	ND	--	--	
11/07/93	241.95	7.79	0.00	234.16	-0.15	1700	--	ND	ND	ND	ND	--	--	
02/23/94	241.95	6.10	0.00	235.85	1.69	900	--	ND	ND	ND	ND	--	--	
05/25/94	241.95	7.07	0.00	234.88	-0.97	ND	--	ND	ND	ND	ND	--	--	
08/22/94	241.95	8.04	0.00	233.91	-0.97	820	--	ND	ND	ND	ND	--	--	
11/22/94	241.95	7.08	0.00	234.87	0.96	1600	--	ND	ND	56	83	--	--	
02/24/95	241.95	5.53	0.00	236.42	1.55	1000	--	ND	ND	ND	2.5	--	--	
05/22/95	241.95	6.00	0.00	235.95	-0.47	560	--	ND	ND	ND	3.7	--	--	
08/28/95	241.95	7.14	0.00	234.81	-1.14	ND	--	0.79	1.2	ND	1.7	--	--	
11/09/95	241.95	8.03	0.00	233.92	-0.89	ND	--	ND	ND	ND	ND	2100	--	
02/08/96	241.95	5.02	0.00	236.93	3.01	ND	--	0.51	0.94	ND	1.2	--	--	
05/17/96	241.95	6.01	0.00	235.94	-0.99	ND	--	ND	ND	ND	ND	--	--	
08/29/96	241.95	7.64	0.00	234.31	-1.63	ND	--	ND	2.9	ND	ND	--	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

June 1988 Through June 2005

76 Station 5830

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-2 continued														
11/27/96	241.95	7.27	0.00	234.68	0.37	ND	--	ND	ND	ND	ND	3800	--	
02/28/97	241.95	6.34	0.00	235.61	0.93	ND	--	ND	ND	ND	ND	14000	--	
06/24/97	241.95	7.46	0.00	234.49	-1.12	ND	--	ND	ND	ND	ND	ND	--	
08/20/97	241.95	7.75	0.00	234.20	-0.29	ND	--	ND	ND	ND	ND	750	--	
11/21/97	241.95	7.15	0.00	234.80	0.60	ND	--	ND	ND	ND	ND	570	--	
02/07/98	241.95	5.48	0.00	236.47	1.67	ND	--	ND	ND	ND	ND	1500	--	
05/04/98	241.95	5.50	0.00	236.45	-0.02	ND	--	ND	ND	ND	ND	ND<1100	--	
07/27/98	241.95	6.72	0.00	235.23	-1.22	ND	--	ND	ND	ND	ND	740	1200	
11/02/98	241.95	7.75	0.00	234.20	-1.03	ND	--	ND	ND	ND	ND	207	220	
02/13/99	241.95	5.45	0.00	236.50	2.30	130	--	16	16	3.8	27	940	780	
05/04/99	241.95	6.20	0.00	235.75	-0.75	480	--	78	17	36	77	2000	2500	
08/06/99	241.95	7.31	0.00	234.64	-1.11	230	--	11	ND	31	ND	430	250	
11/19/99	241.95	7.75	0.00	234.20	-0.44	ND	--	1	ND	ND	0.77	420	390	
02/12/00	241.95	5.35	0.00	236.60	2.40	ND	--	1	ND	ND	ND	140	170	
05/06/00	241.95	6.40	0.00	235.55	-1.05	ND	--	2.6	ND	ND	ND	100	92	
08/04/00	241.95	7.71	0.00	234.24	-1.31	ND	--	ND	ND	ND	ND	240	210	
11/14/00	241.95	8.11	0.00	233.84	-0.40	ND	--	ND	ND	ND	ND	47	43	
02/16/01	241.95	7.09	0.00	234.86	1.02	ND	--	ND	ND	ND	ND	145	260	
05/04/01	241.95	7.51	0.00	234.44	-0.42	ND	--	ND	ND	ND	ND	76.7	73	
08/01/01	241.95	8.87	0.00	233.08	-1.36	ND<100	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	600	780	
11/10/01	241.95	9.25	0.00	232.70	-0.38	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	720	740	
02/01/02	241.95	6.64	0.00	235.31	2.61	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	23	25	
05/02/02	241.95	7.34	0.00	234.61	-0.70	ND<50	--	ND<0.50	0.75	ND<0.50	0.96	55	70	
07/23/02	242.00	8.00	0.00	234.00	-0.61	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	15	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
June 1988 Through June 2005
76 Station 5830

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-2 continued														
11/20/02	242.00	8.19	0.00	233.81	-0.19	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	24	28	
02/27/03	242.00	6.68	0.00	235.32	1.51	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	18	18	
05/29/03	242.00	6.85	0.00	235.15	-0.17	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	2	3.1	
08/08/03	242.00	7.97	0.00	234.03	-1.12	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	5.8	
11/07/03	242.00	8.85	0.00	233.15	-0.88	--	84	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	78	
05/12/04	242.00	7.41	0.00	234.59	1.44	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	3.6	
11/12/04	242.00	8.20	0.00	233.80	-0.79	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	29	
06/07/05	242.00	6.91	0.00	235.09	1.29	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2.4	
MW-3														
10/07/88	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
12/20/88	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
03/21/89	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
06/16/89	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
09/26/89	--	--	--	--	--	190	--	ND	ND	ND	0.4	--	--	
12/13/89	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
03/14/90	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
06/12/90	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
09/26/90	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
01/19/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
04/19/91	--	--	--	--	--	ND	--	0.39	0.38	ND	0.59	--	--	
07/03/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
10/09/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
02/14/92	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
08/13/92	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
June 1988 Through June 2005
76 Station 5830

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-3 continued														
11/02/92	242.40	8.07	0.00	234.33	--	--	--	--	--	--	--	--	--	--
02/25/93	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	--
05/25/93	243.02	8.15	0.00	234.87	--	--	--	--	--	--	--	--	--	--
08/25/93	243.02	8.55	0.00	234.47	-0.40	ND	--	ND	ND	ND	ND	--	--	--
11/07/93	242.40	8.27	0.00	234.13	-0.34	--	--	--	--	--	--	--	--	--
02/23/94	242.40	6.58	0.00	235.82	1.69	ND	--	ND	ND	ND	ND	--	--	--
05/25/94	242.40	7.51	0.00	234.89	-0.93	--	--	--	--	--	--	--	--	--
08/22/94	242.40	8.52	0.00	233.88	-1.01	ND	--	ND	ND	ND	ND	--	--	--
11/22/94	242.40	7.96	0.00	234.44	0.56	--	--	--	--	--	--	--	--	--
02/24/95	242.40	6.21	0.00	236.19	1.75	70	--	0.53	ND	1.7	2.4	--	--	--
05/22/95	242.40	6.35	0.00	236.05	-0.14	--	--	--	--	--	--	--	--	--
08/28/95	242.40	7.43	0.00	234.97	-1.08	ND	--	ND	0.84	ND	1.2	--	--	--
11/09/95	242.40	8.33	0.00	234.07	-0.90	--	--	--	--	--	--	--	--	--
02/08/96	242.40	5.58	0.00	236.82	2.75	ND	--	ND	ND	ND	ND	--	--	--
05/17/96	242.40	6.43	0.00	235.97	-0.85	--	--	--	--	--	--	--	--	--
08/29/96	242.40	8.07	0.00	234.33	-1.64	ND	--	ND	6.8	ND	ND	--	--	--
11/27/96	242.40	7.65	0.00	234.75	0.42	--	--	--	--	--	--	--	--	--
02/28/97	242.40	6.78	0.00	235.62	0.87	ND	--	ND	ND	ND	ND	ND	--	--
06/24/97	242.40	8.05	0.00	234.35	-1.27	--	--	--	--	--	--	--	--	--
08/20/97	242.40	8.48	0.00	233.92	-0.43	ND	--	ND	ND	ND	ND	--	--	--
11/21/97	242.40	7.85	0.00	234.55	0.63	--	--	--	--	--	--	--	--	--
02/07/98	242.40	6.27	0.00	236.13	1.58	ND	--	ND	0.69	ND	0.61	--	--	--
05/04/98	242.40	6.47	0.00	235.93	-0.20	--	--	--	--	--	--	--	--	--
07/27/98	242.40	6.92	0.00	235.48	-0.45	ND	--	ND	ND	ND	ND	--	--	--

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
 June 1988 Through June 2005
 76 Station 5830

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-3 continued														
02/13/99	242.40	5.71	0.00	236.69	1.21	ND	--	ND	ND	ND	ND	--	--	
05/04/99	242.40	6.55	0.00	235.85	-0.84	--	--	--	--	--	--	--	--	
08/06/99	242.40	7.53	0.00	234.87	-0.98	ND	--	ND	ND	ND	ND	--	--	
11/19/99	242.40	8.38	0.00	234.02	-0.85	--	--	--	--	--	--	--	--	
02/12/00	242.40	5.71	0.00	236.69	2.67	ND	--	ND	ND	ND	ND	--	--	
05/06/00	242.40	6.65	0.00	235.75	-0.94	--	--	--	--	--	--	--	--	
08/04/00	242.40	7.87	0.00	234.53	-1.22	ND	--	ND	ND	ND	ND	--	--	
11/14/00	242.40	8.26	0.00	234.14	-0.39	--	--	--	--	--	--	--	--	
02/16/01	242.40	7.51	0.00	234.89	0.75	ND	--	ND	ND	ND	ND	ND	ND	
05/04/01	242.40	8.00	0.00	234.40	-0.49	--	--	--	--	--	--	--	--	
08/01/01	242.40	8.88	0.00	233.52	-0.88	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	Sampled semi-annually
11/10/01	242.40	9.16	0.00	233.24	-0.28	--	--	--	--	--	--	--	--	
02/01/02	242.40	7.16	0.00	235.24	2.00	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	Sampled semi-annually
05/02/02	242.40	7.77	0.00	234.63	-0.61	--	--	--	--	--	--	--	--	
07/23/02	242.46	8.18	0.00	234.28	-0.35	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	ND<0.50	Sampled semi-annually
11/20/02	242.46	8.07	0.00	234.39	0.11	--	--	--	--	--	--	--	--	
02/27/03	242.46	7.31	0.00	235.15	0.76	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	--	Sampled semi-annually
05/29/03	242.46	7.51	0.00	234.95	-0.20	--	--	--	--	--	--	--	--	
08/08/03	242.46	8.25	0.00	234.21	-0.74	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	Sampled semi-annually
11/07/03	242.46	9.01	0.00	233.45	-0.76	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	Sampled semi-annually
05/12/04	242.46	8.75	0.00	233.71	0.26	--	--	--	--	--	--	--	--	Monitored Only
11/12/04	242.46	--	--	--	--	--	--	--	--	--	--	--	--	car parked on well
06/30/05	242.46	7.78	0.00	234.68	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	Gauged and sampled on 6-30-05

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
 June 1988 Through June 2005
 76 Station 5830

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-4														
11/13/89	--	--	--	--	--	300	--	1.8	ND	2.4	8.8	--	--	
12/13/89	--	--	--	--	--	70	--	ND	ND	ND	ND	--	--	
03/14/90	--	--	--	--	--	360	--	ND	ND	15	8.6	--	--	
06/12/90	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
09/26/90	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
01/19/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
04/19/91	--	--	--	--	--	45	--	ND	ND	1.4	2.2	--	--	
07/03/91	--	--	--	--	--	130	--	0.47	ND	5.6	9.1	--	--	
10/09/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
02/14/92	--	--	--	--	--	50	--	ND	ND	2.6	3.5	--	--	
08/13/92	--	--	--	--	--	ND	--	ND	ND	0.8	0.78	--	--	
02/25/93	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
05/25/93	243.47	9.72	0.00	233.75	--	--	--	--	--	--	--	--	--	
08/25/93	243.47	10.61	0.00	232.86	-0.89	110	--	ND	ND	3.7	4.5	--	--	
11/07/93	243.12	10.56	0.00	232.56	-0.30	--	--	--	--	--	--	--	--	
02/23/94	243.12	8.50	0.00	234.62	2.06	96	--	ND	ND	3.8	6.9	--	--	
05/25/94	243.12	9.85	0.00	233.27	-1.35	--	--	--	--	--	--	--	--	
08/22/94	243.12	10.70	0.00	232.42	-0.85	ND	--	ND	ND	0.62	0.65	--	--	
11/22/94	243.12	9.63	0.00	233.49	1.07	--	--	--	--	--	--	--	--	
02/24/95	243.12	7.75	0.00	235.37	1.88	ND	--	ND	ND	ND	ND	--	--	
05/22/95	243.12	8.48	0.00	234.64	-0.73	--	--	--	--	--	--	--	--	
08/28/95	243.12	9.51	0.00	233.61	-1.03	ND	--	ND	1.4	0.9	1.9	--	--	
11/09/95	243.12	10.50	0.00	232.62	-0.99	--	--	--	--	--	--	--	--	
02/08/96	243.12	6.87	0.00	236.25	3.63	56	--	ND	ND	2.1	2.4	--	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
 June 1988 Through June 2005
 76 Station 5830

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-4 continued														
05/17/96	243.12	7.82	0.00	235.30	-0.95	--	--	--	--	--	--	--	--	--
08/29/96	243.12	10.22	0.00	232.90	-2.40	ND	--	ND	1.1	ND	ND	--	--	--
11/27/96	243.12	9.85	0.00	233.27	0.37	--	--	--	--	--	--	--	--	--
02/28/97	243.12	9.08	0.00	234.04	0.77	ND	--	ND	ND	0.87	ND	ND	--	--
06/24/97	243.12	10.10	0.00	233.02	-1.02	--	--	--	--	--	--	--	--	--
08/20/97	243.12	10.84	0.00	232.28	-0.74	ND	--	ND	ND	ND	ND	--	--	--
11/21/97	243.12	9.45	0.00	233.67	1.39	--	--	--	--	--	--	--	--	--
02/07/98	243.12	5.70	0.00	237.42	3.75	ND	--	ND	ND	ND	ND	--	--	--
05/04/98	243.12	7.75	0.00	235.37	-2.05	--	--	--	--	--	--	--	--	--
07/27/98	243.12	9.37	0.00	233.75	-1.62	ND	--	ND	ND	ND	ND	--	--	--
11/02/98	243.12	10.53	0.00	232.59	-1.16	--	--	--	--	--	--	--	--	--
02/13/99	243.12	7.54	0.00	235.58	2.99	55	--	0.95	ND	0.7	ND	--	--	--
05/04/99	243.12	8.68	0.00	234.44	-1.14	--	--	--	--	--	--	--	--	--
08/06/99	243.12	9.95	0.00	233.17	-1.27	ND	--	ND	ND	ND	ND	--	--	--
11/19/99	243.12	10.37	0.00	232.75	-0.42	--	--	--	--	--	--	--	--	--
02/12/00	243.12	7.48	0.00	235.64	2.89	66	--	ND	ND	ND	0.93	--	--	--
05/06/00	243.12	8.78	0.00	234.34	-1.30	--	--	--	--	--	--	--	--	--
08/04/00	243.12	10.17	0.00	232.95	-1.39	ND	--	ND	ND	ND	ND	--	--	--
11/14/00	243.12	11.42	0.00	231.70	-1.25	--	--	--	--	--	--	--	--	--
02/16/01	243.12	9.91	0.00	233.21	1.51	156	--	1	ND	0.787	ND	ND	ND	--
05/03/01	243.12	10.42	0.00	232.70	-0.51	--	--	--	--	--	--	--	--	--
08/01/01	243.12	11.28	0.00	231.84	-0.86	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--
11/10/01	243.12	11.60	0.00	231.52	-0.32	--	--	--	--	--	--	--	--	Sampled semi-annually
02/01/02	243.12	9.45	0.00	233.67	2.15	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
June 1988 Through June 2005
76 Station 5830

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-4 continued														
05/02/02	243.12	10.25	0.00	232.87	-0.80	--	--	--	--	--	--	--	--	Sampled semi-annually
07/23/02	243.23	10.92	0.00	232.31	-0.56	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
11/20/02	243.23	10.73	0.00	232.50	0.19	--	--	--	--	--	--	--	--	Sampled semi-annually
02/27/03	243.23	9.36	0.00	233.87	1.37	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	--	
05/29/03	243.23	9.57	0.00	233.66	-0.21	--	--	--	--	--	--	--	--	Sampled semi-annually
08/08/03	243.23	11.09	0.00	232.14	-1.52	--	54	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
11/07/03	243.23	11.71	0.00	231.52	-0.62	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
05/12/04	243.23	10.70	0.00	232.53	1.01	--	--	--	--	--	--	--	--	Monitored Only
11/12/04	243.23	11.17	0.00	232.06	-0.47	--	--	--	--	--	--	--	--	Sampled Semi-Annually
06/30/05	243.23	9.78	0.00	233.45	1.39	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	Gauged and sampled on 6-30-05
MW-5														
01/19/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
04/19/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
07/03/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
10/09/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
02/14/92	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
08/13/92	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
02/25/93	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
05/25/93	243.77	9.41	0.00	234.36	--	--	--	--	--	--	--	--	--	
08/25/93	243.77	10.20	0.00	233.57	-0.79	ND	--	ND	ND	ND	ND	--	--	
11/07/93	243.47	10.23	0.00	233.24	-0.33	--	--	--	--	--	--	--	--	
02/23/94	243.47	8.10	0.00	235.37	2.13	ND	--	ND	ND	ND	ND	--	--	
05/25/94	243.47	9.45	0.00	234.02	-1.35	--	--	--	--	--	--	--	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
June 1988 Through June 2005
76 Station 5830

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-5 continued														
08/22/94	243.47	10.36	0.00	233.11	-0.91	ND	--	ND	ND	ND	ND	--	--	
11/22/94	243.47	9.31	0.00	234.16	1.05	--	--	--	--	--	--	--	--	
02/24/95	243.47	7.41	0.00	236.06	1.90	ND	--	ND	ND	ND	ND	--	--	
05/22/95	243.47	8.12	0.00	235.35	-0.71	--	--	--	--	--	--	--	--	
08/28/95	243.47	9.18	0.00	234.29	-1.06	ND	--	ND	1.4	ND	1.5	--	--	
11/09/95	243.47	10.18	0.00	233.29	-1.00	--	--	--	--	--	--	--	--	
02/08/96	243.47	6.66	0.00	236.81	3.52	ND	--	ND	ND	ND	0.75	--	--	
05/17/96	243.47	7.35	0.00	236.12	-0.69	--	--	--	--	--	--	--	--	
08/29/96	243.47	9.98	0.00	233.49	-2.63	ND	--	ND	6.6	ND	ND	--	--	
11/27/96	243.47	9.51	0.00	233.96	0.47	--	--	--	--	--	--	--	--	
02/28/97	243.47	8.77	0.00	234.70	0.74	ND	--	ND	ND	ND	ND	ND	--	
06/24/97	243.47	9.80	0.00	233.67	-1.03	--	--	--	--	--	--	--	--	
08/20/97	243.47	10.50	0.00	232.97	-0.70	ND	--	ND	ND	ND	ND	--	--	
11/21/97	243.47	9.18	0.00	234.29	1.32	--	--	--	--	--	--	--	--	
02/07/98	243.47	5.65	0.00	237.82	3.53	ND	--	ND	0.54	ND	ND	--	--	
05/04/98	243.47	7.55	0.00	235.92	-1.90	--	--	--	--	--	--	--	--	
07/27/98	243.47	9.21	0.00	234.26	-1.66	ND	--	ND	ND	ND	ND	--	--	
11/02/98	243.47	10.31	0.00	233.16	-1.10	--	--	--	--	--	--	--	--	
02/13/99	243.47	7.39	0.00	236.08	2.92	ND	--	ND	ND	ND	ND	--	--	
05/04/99	243.47	8.52	0.00	234.95	-1.13	--	--	--	--	--	--	--	--	
08/06/99	243.47	9.86	0.00	233.61	-1.34	ND	--	ND	ND	ND	ND	--	--	
11/19/99	243.47	10.20	0.00	233.27	-0.34	--	--	--	--	--	--	--	--	
02/12/00	243.47	7.37	0.00	236.10	2.83	ND	--	ND	ND	ND	ND	--	--	
05/06/00	243.47	8.65	0.00	234.82	-1.28	--	--	--	--	--	--	--	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
June 1988 Through June 2005
76 Station 5830

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-5 continued														
08/04/00	243.47	10.14	0.00	233.33	-1.49	ND	--	ND	ND	ND	ND	--	--	
11/14/00	243.47	11.26	0.00	232.21	-1.12	--	--	--	--	--	--	--	--	
02/16/01	243.47	9.84	0.00	233.63	1.42	ND	--	ND	ND	ND	ND	ND	ND	
05/03/01	243.47	10.39	0.00	233.08	-0.55	--	--	--	--	--	--	--	--	
08/01/01	243.47	11.31	0.00	232.16	-0.92	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
11/10/01	243.47	11.59	0.00	231.88	-0.28	--	--	--	--	--	--	--	--	Sampled semi-annually
02/01/02	243.47	9.50	0.00	233.97	2.09	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	Sampled semi-annually
05/02/02	243.47	10.25	0.00	233.22	-0.75	--	--	--	--	--	--	--	--	
07/23/02	243.62	10.89	0.00	232.73	-0.49	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
11/20/02	243.62	10.74	0.00	232.88	0.15	--	--	--	--	--	--	--	--	
02/27/03	243.62	9.34	0.00	234.28	1.40	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	--	Sampled semi-annually
05/29/03	243.62	9.54	0.00	234.08	-0.20	--	--	--	--	--	--	--	--	Sampled semi-annually
08/08/03	243.62	11.02	0.00	232.60	-1.48	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
11/07/03	243.62	11.62	0.00	232.00	-0.60	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
05/12/04	243.62	10.62	0.00	233.00	1.00	--	--	--	--	--	--	--	--	Monitored Only
11/12/04	243.62	11.04	0.00	232.58	-0.42	--	--	--	--	--	--	--	--	Sampled Semi-Annually
06/30/05	243.62	9.76	0.00	233.86	1.28	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	Gauged and sampled on 6-30-05
MW-6														
01/19/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
04/19/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
07/03/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
10/09/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
02/14/92	--	--	--	--	--	ND	--	0.37	0.61	ND	0.58	--	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

June 1988 Through June 2005

76 Station 5830

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-6 continued														
08/13/92	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
02/25/93	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
05/25/93	243.05	10.03	0.00	233.02	--	--	--	--	--	--	--	--	--	
08/25/93	243.05	10.67	0.00	232.38	-0.64	ND	--	ND	ND	ND	ND	--	--	
11/07/93	242.64	10.26	0.00	232.38	0.00	--	--	--	--	--	--	--	--	
02/23/94	242.64	8.73	0.00	233.91	1.53	ND	--	ND	ND	ND	ND	--	--	
05/25/94	242.64	9.83	0.00	232.81	-1.10	--	--	--	--	--	--	--	--	
08/22/94	242.64	10.50	0.00	232.14	-0.67	ND	--	ND	ND	ND	ND	--	--	
11/22/94	242.64	9.60	0.00	233.04	0.90	--	--	--	--	--	--	--	--	
02/24/95	242.64	8.07	0.00	234.57	1.53	ND	--	ND	ND	ND	ND	--	--	
05/22/95	242.64	8.77	0.00	233.87	-0.70	--	--	--	--	--	--	--	--	
08/28/95	242.64	9.64	0.00	233.00	-0.87	ND	--	ND	1.7	ND	1.6	--	--	
11/09/95	242.64	10.33	0.00	232.31	-0.69	--	--	--	--	--	--	--	--	
02/08/96	242.64	7.22	0.00	235.42	3.11	ND	--	ND	ND	ND	ND	--	--	
05/17/96	242.64	8.34	0.00	234.30	-1.12	--	--	--	--	--	--	--	--	
08/29/96	242.64	10.26	0.00	232.38	-1.92	ND	--	ND	6.1	ND	ND	--	--	
11/27/96	242.64	9.83	0.00	232.81	0.43	--	--	--	--	--	--	--	--	
02/28/97	242.64	9.35	0.00	233.29	0.48	ND	--	ND	0.94	ND	0.74	ND	--	
06/24/97	242.64	10.49	0.00	232.15	-1.14	--	--	--	--	--	--	--	--	
08/20/97	242.64	10.49	0.00	232.15	0.00	ND	--	ND	ND	ND	ND	--	--	
11/21/97	242.64	9.56	0.00	233.08	0.93	--	--	--	--	--	--	--	--	
02/07/98	242.64	6.28	0.00	236.36	3.28	ND	--	ND	0.57	ND	ND	--	--	
05/04/98	242.64	8.18	0.00	234.46	-1.90	--	--	--	--	--	--	--	--	
07/27/98	242.64	9.64	0.00	233.00	-1.46	ND	--	ND	ND	ND	ND	--	ND	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
June 1988 Through June 2005
76 Station 5830

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-6 continued														
11/02/98	242.64	10.40	0.00	232.24	-0.76	--	--	--	--	--	--	--	--	--
02/13/99	242.64	7.88	0.00	234.76	2.52	ND	--	ND	ND	ND	ND	--	ND	--
05/04/99	242.64	9.07	0.00	233.57	-1.19	--	--	--	--	--	--	--	--	--
08/06/99	242.64	10.02	0.00	232.62	-0.95	ND	--	ND	ND	ND	ND	--	ND	--
11/19/99	242.64	10.30	0.00	232.34	-0.28	--	--	--	--	--	--	--	--	--
02/12/00	242.64	7.75	0.00	234.89	2.55	ND	--	ND	ND	ND	ND	--	ND	--
05/06/00	242.64	9.09	0.00	233.55	-1.34	--	--	--	--	--	--	--	--	--
08/04/00	242.64	10.13	0.00	232.51	-1.04	ND	--	ND	ND	ND	ND	--	ND	--
11/14/00	242.64	11.24	0.00	231.40	-1.11	--	--	--	--	--	--	--	--	--
02/16/01	242.64	9.65	0.00	232.99	1.59	ND	--	ND	ND	ND	ND	--	ND	--
05/03/01	242.64	10.17	0.00	232.47	-0.52	--	--	--	--	--	--	--	--	--
08/01/01	242.64	10.88	0.00	231.76	-0.71	ND<50	--	ND<0.50	ND<0.50	ND<0.50	0.5	ND<2.5	ND<5.0	Sampled semi-annually
11/10/01	242.64	11.18	0.00	231.46	-0.30	--	--	--	--	--	--	--	--	--
02/01/02	242.64	9.34	0.00	233.30	1.84	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	ND<2.0	Sampled semi-annually
05/02/02	242.64	10.06	0.00	232.58	-0.72	--	--	--	--	--	--	--	--	--
07/23/02	242.72	10.55	0.00	232.17	-0.41	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	Sampled semi-annually
11/20/02	242.72	10.27	0.00	232.45	0.28	--	--	--	--	--	--	--	--	Sampled semi-annually
02/27/03	242.72	9.32	0.00	233.40	0.95	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	ND<2.0	Sampled semi-annually
05/29/03	242.72	9.50	0.00	233.22	-0.18	--	--	--	--	--	--	--	--	Sampled semi-annually
08/08/03	242.72	10.72	0.00	232.00	-1.22	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	Sampled semi-annually
11/07/03	242.72	11.25	0.00	231.47	-0.53	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	Sampled semi-annually
05/12/04	242.72	10.42	0.00	232.30	0.83	--	--	--	--	--	--	--	--	Monitored Only
11/12/04	242.72	10.77	0.00	231.95	-0.35	--	--	--	--	--	--	--	--	Sampled Semi Annually

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
June 1988 Through June 2005
76 Station 5830

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-6 continued														
06/30/05	242.72	9.73	0.00	232.99	1.04	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.89	Gauged and sampled on 6-30-05
MW-7														
01/19/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
04/19/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
07/03/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
10/09/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
02/14/92	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
08/13/92	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
02/25/93	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
05/25/93	241.91	8.50	0.00	233.41	--	--	--	--	--	--	--	--	--	
08/25/93	241.91	9.11	0.00	232.80	-0.61	6200	--	ND	ND	ND	ND	--	--	
11/07/93	241.53	8.83	0.00	232.70	-0.10	5200	--	ND	ND	80	ND	7700	--	
02/23/94	241.53	7.55	0.00	233.98	1.28	2700	--	ND	ND	ND	ND	--	--	
05/25/94	241.53	8.46	0.00	233.07	-0.91	ND	--	ND	ND	ND	ND	--	--	
08/22/94	241.53	9.07	0.00	232.46	-0.61	3400	--	ND	ND	ND	ND	--	--	
11/22/94	241.53	8.22	0.00	233.31	0.85	2400	--	ND	ND	ND	ND	--	--	
02/24/95	241.53	7.03	0.00	234.50	1.19	1300	--	ND	ND	ND	ND	--	--	
05/22/95	241.53	7.68	0.00	233.85	-0.65	720	--	ND	ND	ND	ND	--	--	
08/28/95	241.53	8.42	0.00	233.11	-0.74	ND	--	0.92	1.1	ND	1.2	--	--	
11/09/95	241.53	8.99	0.00	232.54	-0.57	ND	--	ND	ND	ND	ND	1800	--	
02/08/96	241.53	6.30	0.00	235.23	2.69	ND	--	ND	3	ND	4.4	--	--	
05/17/96	241.53	7.88	0.00	233.65	-1.58	ND	--	ND	ND	ND	ND	--	--	
08/29/96	241.53	8.82	0.00	232.71	-0.94	ND	--	ND	6.6	ND	ND	--	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
 June 1988 Through June 2005
 76 Station 5830

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-7 continued														
11/27/96	241.53	8.42	0.00	233.11	0.40	ND	--	ND	ND	ND	ND	600	--	
02/28/97	241.53	7.97	0.00	233.56	0.45	ND	--	ND	ND	ND	ND	870	--	
06/24/97	241.53	8.90	0.00	232.63	-0.93	ND	--	ND	ND	ND	ND	ND	--	
08/20/97	241.53	8.97	0.00	232.56	-0.07	ND	--	ND	ND	ND	ND	450	--	
11/21/97	241.53	8.25	0.00	233.28	0.72	ND	--	ND	ND	ND	ND	790	--	
02/07/98	241.53	5.74	0.00	235.79	2.51	ND	--	ND	1.2	ND	0.71	110	--	
05/04/98	241.53	7.18	0.00	234.35	-1.44	ND	--	ND	ND	ND	ND	ND<1300	--	
07/27/98	241.53	8.36	0.00	233.17	-1.18	ND	--	ND	ND	ND	ND	1200	1200	
11/02/98	241.53	8.97	0.00	232.56	-0.61	ND	--	ND	ND	ND	ND	1360	1550	
02/13/99	241.53	6.86	0.00	234.67	2.11	ND	--	ND	ND	ND	ND	780	780	
05/04/99	241.53	7.91	0.00	233.62	-1.05	ND	--	ND	ND	ND	ND	740	510	
08/06/99	241.53	8.71	0.00	232.82	-0.80	ND	--	ND	ND	ND	ND	360	280	
11/19/99	241.53	8.94	0.00	232.59	-0.23	ND	--	ND	ND	ND	ND	340	440	
02/12/00	241.53	6.74	0.00	234.79	2.20	ND	--	ND	ND	ND	ND	500	470	
05/06/00	241.53	7.98	0.00	233.55	-1.24	ND	--	ND	ND	ND	ND	410	470	
08/04/00	241.53	8.82	0.00	232.71	-0.84	ND	--	ND	ND	ND	ND	390	440	
11/14/00	241.53	9.12	0.00	232.41	-0.30	ND	--	ND	ND	ND	ND	110	91	
02/16/01	241.53	8.25	0.00	233.28	0.87	ND	--	ND	ND	ND	ND	172	280	
05/03/01	241.53	8.70	0.00	232.83	-0.45	ND	--	ND	ND	ND	ND	260	270	
08/01/01	241.53	9.56	0.00	231.97	-0.86	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	260	190	
11/10/01	241.53	9.85	0.00	231.68	-0.29	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	270	--	
02/01/02	241.53	8.02	0.00	233.51	1.83	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	130	120	
05/02/02	241.53	8.52	0.00	233.01	-0.50	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	47	51	
07/23/02	241.57	9.04	0.00	232.53	-0.48	--	ND<250	ND<2.5	ND<2.5	ND<2.5	ND<2.5	--	49	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
 June 1988 Through June 2005
 76 Station 5830

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-7 continued														
11/20/02	241.57	9.12	0.00	232.45	-0.08	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	47	59	
02/27/03	241.57	8.09	0.00	233.48	1.03	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	35	27	
05/29/03	241.57	8.17	0.00	233.40	-0.08	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	43	32	
08/08/03	241.57	9.20	0.00	232.37	-1.03	--	76	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	76	
11/07/03	241.57	9.80	0.00	231.77	-0.60	--	51	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	41	
05/12/04	241.57	8.83	0.00	232.74	0.97	--	57	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	78	
11/12/04	241.57	9.23	0.00	232.34	-0.40	--	69	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	71	
06/07/05	241.57	8.17	0.00	233.40	1.06	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	47	
MW-8														
01/19/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	Inaccessible
04/19/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
07/03/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
10/09/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
02/14/92	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
08/13/92	--	--	--	--	--	--	--	--	--	--	--	--	--	
02/25/93	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
05/25/93	241.58	8.33	0.00	233.25	--	--	--	--	--	--	--	--	--	
08/25/93	241.58	7.47	0.00	234.11	0.86	ND	--	ND	ND	ND	ND	--	--	
11/07/93	241.21	7.21	0.00	234.00	-0.11	--	--	--	--	--	--	--	--	
02/23/94	241.21	5.49	0.00	235.72	1.72	ND	--	ND	ND	ND	ND	--	--	
05/25/94	241.21	6.52	0.00	234.69	-1.03	--	--	--	--	--	--	--	--	
08/22/94	241.21	7.48	0.00	233.73	-0.96	ND	--	ND	ND	ND	ND	--	--	
11/22/94	241.21	6.69	0.00	234.52	0.79	--	--	--	--	--	--	--	--	
02/24/95	241.21	5.23	0.00	235.98	1.46	ND	--	ND	ND	ND	ND	--	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
June 1988 Through June 2005
76 Station 5830

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-8 continued														
05/22/95	241.21	5.57	0.00	235.64	-0.34	--	--	--	--	--	--	--	--	--
08/28/95	241.21	6.65	0.00	234.56	-1.08	ND	--	ND	0.8	ND	0.84	--	--	--
11/09/95	241.21	7.55	0.00	233.66	-0.90	--	--	--	--	--	--	--	--	--
02/08/96	241.21	4.58	0.00	236.63	2.97	ND	--	ND	ND	ND	ND	--	--	--
05/17/96	241.21	7.63	0.00	233.58	-3.05	--	--	--	--	--	--	--	--	--
08/29/96	241.21	7.11	0.00	234.10	0.52	ND	--	ND	5.9	ND	ND	--	--	--
11/27/96	241.21	6.67	0.00	234.54	0.44	--	--	--	--	--	--	--	--	--
02/28/97	241.21	5.91	0.00	235.30	0.76	ND	--	ND	ND	ND	ND	ND	--	--
06/24/97	241.21	7.18	0.00	234.03	-1.27	--	--	--	--	--	--	--	--	--
08/20/97	241.21	7.28	0.00	233.93	-0.10	ND	--	ND	ND	ND	ND	--	--	--
11/21/97	241.21	6.20	0.00	235.01	1.08	--	--	--	--	--	--	--	--	--
02/07/98	241.21	3.90	0.00	237.31	2.30	ND	--	ND	ND	ND	ND	--	--	--
05/04/98	241.21	5.00	0.00	236.21	-1.10	--	--	--	--	--	--	--	--	--
07/27/98	241.21	6.24	0.00	234.97	-1.24	ND	--	ND	ND	ND	ND	--	--	--
11/02/98	241.21	7.18	0.00	234.03	-0.94	--	--	--	--	--	--	--	--	--
02/13/99	241.21	4.87	0.00	236.34	2.31	ND	--	ND	ND	ND	ND	--	--	--
05/04/99	241.21	5.67	0.00	235.54	-0.80	ND	--	ND	ND	ND	ND	14	14	14
08/06/99	241.21	6.71	0.00	234.50	-1.04	ND	--	ND	ND	ND	ND	--	17	17
11/19/99	241.21	6.58	0.00	234.63	0.13	--	--	--	--	--	--	--	--	--
02/12/00	241.21	4.88	0.00	236.33	1.70	ND	--	ND	ND	ND	ND	--	7.9	7.9
05/06/00	241.21	5.60	0.00	235.61	-0.72	--	--	--	--	--	--	--	--	--
08/04/00	241.21	7.02	0.00	234.19	-1.42	ND	--	ND	ND	ND	ND	18	16	16
11/14/00	241.21	7.33	0.00	233.88	-0.31	--	--	--	--	--	--	--	--	--
02/16/01	241.21	6.20	0.00	235.01	1.13	ND	--	ND	ND	ND	ND	ND	ND	ND

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
June 1988 Through June 2005
76 Station 5830

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-8 continued														
05/04/01	241.21	6.67	0.00	234.54	-0.47	--	--	--	--	--	--	--	--	--
08/01/01	241.21	7.89	0.00	233.32	-1.22	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	ND<5.0	Sampled semi-annually
11/10/01	241.21	8.18	0.00	233.03	-0.29	--	--	--	--	--	--	--	--	Sampled semi-annually
02/01/02	241.21	5.99	0.00	235.22	2.19	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	ND<2.5	Sampled semi-annually
05/02/02	241.21	6.47	0.00	234.74	-0.48	--	--	--	--	--	--	--	--	Sampled semi-annually
07/23/02	241.27	7.14	0.00	234.13	-0.61	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<2.0	Sampled semi-annually
11/20/02	241.27	6.95	0.00	234.32	0.19	--	--	--	--	--	--	--	--	Sampled semi-annually
02/27/03	241.27	6.04	0.00	235.23	0.91	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	ND<2.0	Sampled semi-annually
05/29/03	241.27	8.18	0.00	233.09	-2.14	--	--	--	--	--	--	--	--	Sampled semi-annually
08/08/03	241.27	7.28	0.00	233.99	0.90	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2.3	Sampled semi-annually
11/07/03	241.27	8.02	0.00	233.25	-0.74	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	Sampled semi-annually
05/12/04	241.27	6.75	0.00	234.52	1.27	--	--	--	--	--	--	--	--	Monitored Only
11/12/04	241.27	7.23	0.00	234.04	-0.48	--	--	--	--	--	--	--	--	Sampled Semi Annually
06/30/05	241.27	6.23	0.00	235.04	1.00	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.62	Gauged and sampled on 6-30-05
MW-9														
07/23/02	240.92	9.31	0.00	231.61	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<2.0	Sampled semi-annually
11/20/02	240.92	9.87	0.00	231.05	-0.56	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	ND<2.0	Sampled semi-annually
02/27/03	240.92	9.03	0.00	231.89	0.84	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	7.3	6.9	Sampled semi-annually
05/29/03	240.92	9.21	0.00	231.71	-0.18	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	2.3	Sampled semi-annually
08/08/03	240.92	9.89	0.00	231.03	-0.68	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	Sampled semi-annually
11/07/03	240.92	10.25	0.00	230.67	-0.36	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	Sampled semi-annually
05/12/04	240.92	9.68	0.00	231.24	0.57	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.69	Sampled semi-annually
11/12/04	240.92	9.72	0.00	231.20	-0.04	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.54	Sampled semi-annually

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

June 1988 Through June 2005

76 Station 5830

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-9 continued														
06/07/05	240.92	9.07	0.00	231.85	0.65	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.76	
MW-10														
07/23/02	240.87	10.35	0.00	230.52	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<2.0	
11/20/02	240.87	10.55	0.00	230.32	-0.20	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	ND<2.0	
02/27/03	240.87	9.35	0.00	231.52	1.20	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	ND<2.0	
05/29/03	240.87	9.52	0.00	231.35	-0.17	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	ND<2.0	
08/08/03	240.87	10.52	0.00	230.35	-1.00	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
11/07/03	240.87	11.10	0.00	229.77	-0.58	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
05/12/04	240.87	10.33	0.00	230.54	0.77	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
11/12/04	240.87	10.57	0.00	230.30	-0.24	--	ND<50	ND<0.50	ND<0.50	ND<0.50	1.1	--	ND<0.50	
06/07/05	240.87	9.58	0.00	231.29	0.99	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-11														
07/23/02	241.13	7.79	0.00	233.34	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	4.3	
11/20/02	241.13	7.93	0.00	233.20	-0.14	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	3.8	3.9	
02/27/03	241.13	6.45	0.00	234.68	1.48	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	ND<2.0	
05/29/03	241.13	6.57	0.00	234.56	-0.12	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	ND<2.0	
08/08/03	241.13	7.90	0.00	233.23	-1.33	--	98	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
11/07/03	241.13	8.63	0.00	232.50	-0.73	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	8.8	
05/12/04	241.13	7.37	0.00	233.76	1.26	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	4.8	
11/12/04	241.13	7.94	0.00	233.19	-0.57	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.91	
06/07/05	241.13	6.54	0.00	234.59	1.40	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.70	

Table 3
ADDITIONAL ANALYTICAL RESULTS
76 Station 5830

Date Sampled	EDC (µg/l)	EDB (µg/l)	TAME 8260B (µg/l)	TBA 8260B (µg/l)	DIPE 8260B (µg/l)	ETBE 8260B (µg/l)	Zinc (mg/l)	Ethanol 8260B (µg/l)	Nickel (mg/l)	Cadmium (mg/l)	Chromium (mg/l)	Nitrate (mg/l)
MW-1												
04/19/91	--	--	--	--	--	--	--	--	--	--	--	ND
02/14/92	--	--	--	--	--	--	--	--	--	--	--	ND
08/13/92	--	--	--	--	--	--	--	--	--	--	--	ND
02/25/93	--	--	--	--	--	--	--	--	--	--	--	0.1
08/25/93	--	--	--	--	--	--	--	--	--	--	--	ND
02/23/94	--	--	--	--	--	--	--	--	--	--	--	ND
08/22/94	--	--	--	--	--	--	--	--	--	--	--	ND
02/24/95	--	--	--	--	--	--	--	--	--	--	--	ND
08/28/95	--	--	--	--	--	--	--	--	--	--	--	ND
02/08/96	--	--	--	--	--	--	--	--	--	--	--	ND
08/29/96	--	--	--	--	--	--	--	--	--	--	--	ND
02/16/01	ND	ND	ND	ND	ND	ND	--	ND	--	--	--	--
MW-2												
10/09/91	--	--	--	--	--	--	0.098	--	0.066	0.047	0.039	--
02/14/92	--	--	--	--	--	--	--	--	--	--	--	ND
07/27/98	--	--	ND	ND	ND	ND	--	ND	--	--	--	--
11/02/98	--	--	ND	ND	ND	ND	--	ND	--	--	--	--
02/13/99	--	--	ND	ND	ND	ND	--	ND	--	--	--	--
05/04/99	--	--	ND	ND	ND	ND	--	ND	--	--	--	--
08/06/99	--	--	ND	ND	ND	ND	--	ND	--	--	--	--
11/19/99	--	--	ND	ND	ND	ND	--	ND	--	--	--	--
02/12/00	--	--	ND	ND	ND	ND	--	ND	--	--	--	--
05/06/00	--	--	ND	ND	ND	ND	--	ND	--	--	--	--
08/04/00	--	--	ND	ND	ND	ND	--	ND	--	--	--	--
11/14/00	--	--	ND	ND	ND	ND	--	ND	--	--	--	--
02/16/01	ND	ND	ND	ND	ND	ND	--	ND	--	--	--	--

Table 3
ADDITIONAL ANALYTICAL RESULTS
 76 Station 5830

Date Sampled	EDC (µg/l)	EDB (µg/l)	TAME 8260B (µg/l)	TBA 8260B (µg/l)	DIPE 8260B (µg/l)	ETBE 8260B (µg/l)	Zinc (mg/l)	Ethanol 8260B (µg/l)	Nickel (mg/l)	Cadmium (mg/l)	Chromium (mg/l)	Nitrate (mg/l)
MW-2 continued												
05/04/01	ND	ND	ND	ND	ND	ND	--	ND	--	--	--	--
08/01/01	ND<10	ND<10	ND<25	ND<50	ND<25	ND<25	--	ND<750	--	--	--	--
11/10/01	ND<10	ND<10	ND<10	ND<100	ND<10	ND<10	--	ND<2500	--	--	--	--
02/01/02	ND<2.0	ND<2.0	ND<2.0	ND<20	ND<2.0	ND<2.0	--	ND<500	--	--	--	--
05/02/02	ND<2.0	ND<2.0	ND<2.0	ND<20	ND<2.0	ND<2.0	--	ND<500	--	--	--	--
07/23/02	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	--	--	--	--
11/20/02	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	--	--	--	--
02/27/03	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	--	--	--	--
05/29/03	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	--	--	--	--
08/08/03	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	--	--	--	--
11/07/03	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	--	--	--	--
05/12/04	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<1.0	ND<0.50	--	ND<50	--	--	--	--
11/12/04	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<1.0	ND<0.50	--	ND<50	--	--	--	--
06/07/05	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<0.50	ND<0.50	--	ND<50	--	--	--	--
MW-3												
02/14/92	--	--	--	--	--	--	--	--	--	--	--	29
02/16/01	ND	ND	ND	ND	ND	ND	--	ND	--	--	--	--
MW-4												
04/19/91	--	--	--	--	--	--	--	--	--	--	--	ND
02/14/92	--	--	--	--	--	--	--	--	--	--	--	ND
08/13/92	--	--	--	--	--	--	--	--	--	--	--	ND
02/25/93	--	--	--	--	--	--	--	--	--	--	--	0.11
08/25/93	--	--	--	--	--	--	--	--	--	--	--	0.43
02/23/94	--	--	--	--	--	--	--	--	--	--	--	ND
08/22/94	--	--	--	--	--	--	--	--	--	--	--	ND
02/24/95	--	--	--	--	--	--	--	--	--	--	--	ND

Table 3
ADDITIONAL ANALYTICAL RESULTS
76 Station 5830

Date Sampled	EDC (µg/l)	EDB (µg/l)	TAME 8260B (µg/l)	TBA 8260B (µg/l)	DIPE 8260B (µg/l)	ETBE 8260B (µg/l)	Zinc (mg/l)	Ethanol 8260B (µg/l)	Nickel (mg/l)	Cadmium (mg/l)	Chromium (mg/l)	Nitrate (mg/l)
MW-4 continued												
08/28/95	--	--	--	--	--	--	--	--	--	--	--	ND
02/08/96	--	--	--	--	--	--	--	--	--	--	--	1.1
08/29/96	--	--	--	--	--	--	--	--	--	--	--	ND
02/16/01	ND	ND	ND	ND	ND	ND	--	ND	--	--	--	--
MW-5												
04/19/91	--	--	--	--	--	--	--	--	--	--	--	45
02/14/92	--	--	--	--	--	--	--	--	--	--	--	8.8
08/13/92	--	--	--	--	--	--	--	--	--	--	--	ND
02/25/93	--	--	--	--	--	--	--	--	--	--	--	180
08/25/93	--	--	--	--	--	--	--	--	--	--	--	2.7
02/23/94	--	--	--	--	--	--	--	--	--	--	--	12
08/22/94	--	--	--	--	--	--	--	--	--	--	--	12
02/24/95	--	--	--	--	--	--	--	--	--	--	--	170
08/28/95	--	--	--	--	--	--	--	--	--	--	--	17
02/08/96	--	--	--	--	--	--	--	--	--	--	--	140
08/29/96	--	--	--	--	--	--	--	--	--	--	--	17
02/16/01	ND	ND	ND	ND	ND	ND	--	ND	--	--	--	--
MW-6												
04/19/91	--	--	--	--	--	--	--	--	--	--	--	ND
02/14/92	--	--	--	--	--	--	--	--	--	--	--	ND
08/13/92	--	--	--	--	--	--	--	--	--	--	--	ND
02/25/93	--	--	--	--	--	--	--	--	--	--	--	0.11
08/25/93	--	--	--	--	--	--	--	--	--	--	--	ND
02/23/94	--	--	--	--	--	--	--	--	--	--	--	ND
08/22/94	--	--	--	--	--	--	--	--	--	--	--	ND
02/24/95	--	--	--	--	--	--	--	--	--	--	--	ND

Table 3
ADDITIONAL ANALYTICAL RESULTS
76 Station 5830

Date Sampled	EDC (µg/l)	EDB (µg/l)	TAME 8260B (µg/l)	TBA 8260B (µg/l)	DIPE 8260B (µg/l)	ETBE 8260B (µg/l)	Zinc (mg/l)	Ethanol 8260B (µg/l)	Nickel (mg/l)	Cadmium (mg/l)	Chromium (mg/l)	Nitrate (mg/l)
MW-6 continued												
08/28/95	--	--	--	--	--	--	--	--	--	--	--	ND
02/08/96	--	--	--	--	--	--	--	--	--	--	--	0.26
08/29/96	--	--	--	--	--	--	--	--	--	--	--	ND
07/27/98	--	--	ND	ND	ND	ND	--	ND	--	--	--	--
02/13/99	--	--	ND	ND	ND	ND	--	ND	--	--	--	--
02/12/00	--	--	ND	ND	ND	ND	--	ND	--	--	--	--
08/04/00	--	--	ND	ND	ND	ND	--	ND	--	--	--	--
02/16/01	ND	ND	ND	ND	ND	ND	--	ND	--	--	--	--
08/01/01	ND<2.0	ND<2.0	ND<5.0	ND<10	ND<5.0	ND<5.0	--	ND<150	--	--	--	--
02/01/02	ND<2.0	ND<2.0	ND<2.0	ND<20	ND<2.0	ND<2.0	--	ND<500	--	--	--	--
07/23/02	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	--	--	--	--
02/27/03	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	--	--	--	--
08/08/03	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	--	--	--	--
11/07/03	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	--	--	--	--
06/30/05	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<0.50	ND<0.50	--	ND<50	--	--	--	--
MW-7												
02/14/92	--	--	--	--	--	--	--	--	--	--	--	ND
07/27/98	--	--	ND	ND	ND	ND	--	ND	--	--	--	--
11/02/98	--	--	ND	ND	ND	ND	--	ND	--	--	--	--
02/13/99	--	--	ND	ND	ND	ND	--	ND	--	--	--	--
05/04/99	--	--	ND	ND	ND	ND	--	ND	--	--	--	--
08/06/99	--	--	ND	ND	ND	ND	--	ND	--	--	--	--
11/19/99	--	--	ND	ND	ND	ND	--	ND	--	--	--	--
02/12/00	--	--	ND	ND	ND	ND	--	ND	--	--	--	--
05/06/00	--	--	ND	ND	ND	ND	--	ND	--	--	--	--
08/04/00	--	--	ND	ND	ND	ND	--	ND	--	--	--	--

Table 3
ADDITIONAL ANALYTICAL RESULTS
76 Station 5830

Date Sampled	EDC (µg/l)	EDB (µg/l)	TAME 8260B (µg/l)	TBA 8260B (µg/l)	DIPE 8260B (µg/l)	ETBE 8260B (µg/l)	Zinc (mg/l)	Ethanol 8260B (µg/l)	Nickel (mg/l)	Cadmium (mg/l)	Chromium (mg/l)	Nitrate (mg/l)
MW-7 continued												
11/14/00	--	--	ND	ND	ND	ND	--	ND	--	--	--	--
02/16/01	ND	ND	ND	ND	ND	ND	--	ND	--	--	--	--
05/03/01	ND	ND	ND	24	ND	ND	--	ND	--	--	--	--
08/01/01	ND<2.0	ND<2.0	ND<5.0	ND<10	ND<5.0	ND<5.0	--	ND<150	--	--	--	--
02/01/02	ND<2.0	ND<2.0	ND<2.0	ND<20	ND<2.0	ND<2.0	--	ND<500	--	--	--	--
05/02/02	ND<2.0	ND<2.0	ND<2.0	ND<20	ND<2.0	ND<2.0	--	ND<500	--	--	--	--
07/23/02	ND<1.0	ND<1.0	ND<1.0	ND<500	ND<1.0	ND<1.0	--	ND<2500	--	--	--	--
11/20/02	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	--	--	--	--
02/27/03	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	--	--	--	--
05/29/03	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	--	--	--	--
08/08/03	ND<2.0	ND<2.0	ND<2.0	ND<100	2.3	ND<2.0	--	ND<500	--	--	--	--
11/07/03	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	--	--	--	--
05/12/04	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<1.0	ND<0.50	--	ND<50	--	--	--	--
11/12/04	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<1.0	ND<0.50	--	ND<50	--	--	--	--
06/07/05	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<0.50	ND<0.50	--	ND<50	--	--	--	--
MW-8												
02/14/92	--	--	--	--	--	--	--	--	--	--	--	ND
05/04/99	--	--	ND	ND	ND	ND	--	ND	--	--	--	--
08/06/99	--	--	ND	ND	ND	ND	--	ND	--	--	--	--
02/12/00	--	--	ND	ND	ND	ND	--	ND	--	--	--	--
08/04/00	--	--	ND	ND	ND	ND	--	ND	--	--	--	--
02/16/01	ND	ND	ND	ND	ND	ND	--	ND	--	--	--	--
08/01/01	ND<2.0	ND<2.0	ND<5.0	ND<10	ND<5.0	ND<5.0	--	ND<150	--	--	--	--
02/01/02	ND<2.0	ND<2.0	ND<2.0	ND<20	ND<2.0	ND<2.0	--	ND<500	--	--	--	--
07/23/02	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	--	--	--	--
02/27/03	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	--	--	--	--

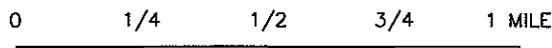
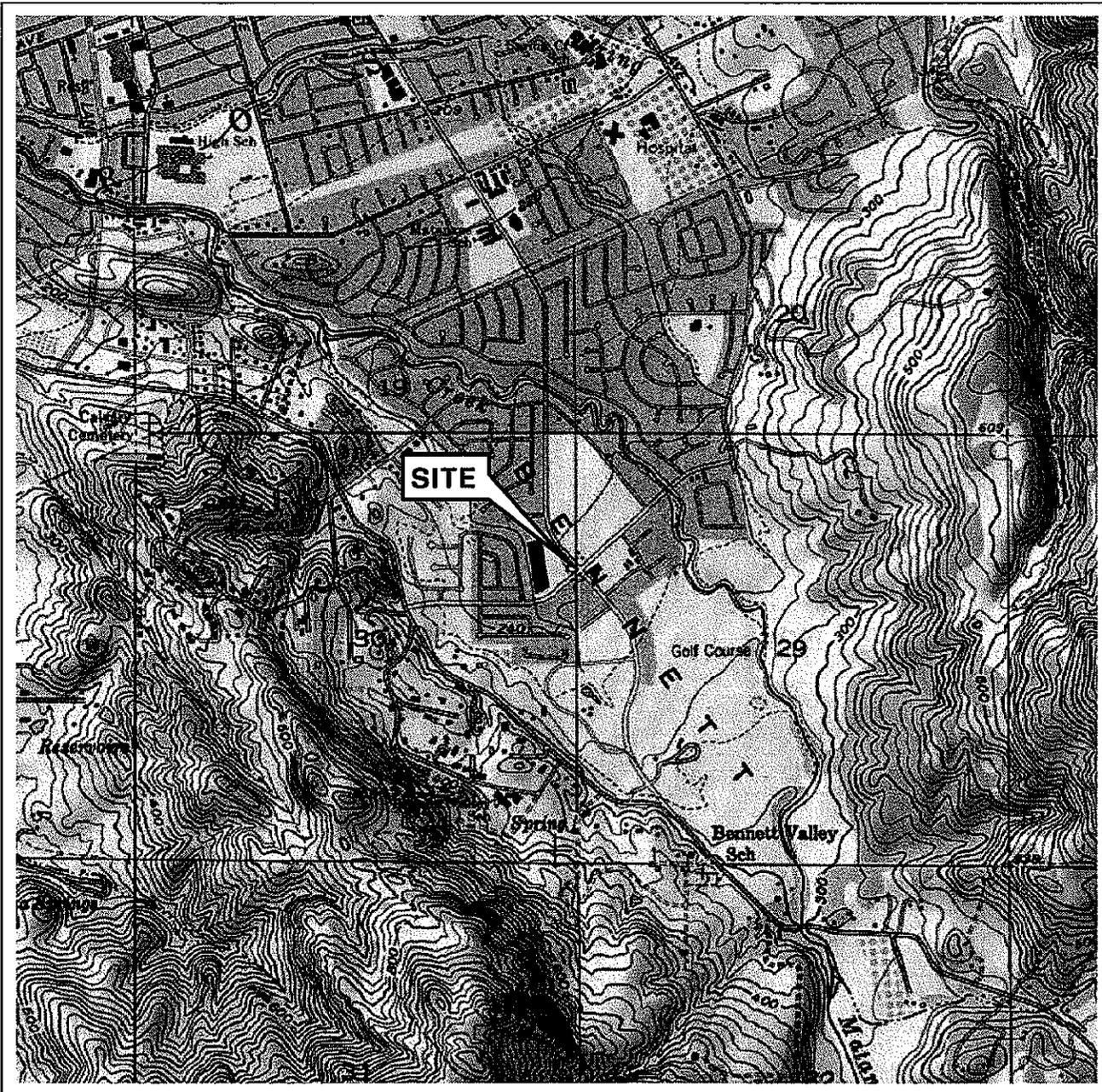
Table 3
ADDITIONAL ANALYTICAL RESULTS
76 Station 5830

Date Sampled	EDC (µg/l)	EDB (µg/l)	TAME 8260B (µg/l)	TBA 8260B (µg/l)	DIPE 8260B (µg/l)	ETBE 8260B (µg/l)	Zinc (mg/l)	Ethanol 8260B (µg/l)	Nickel (mg/l)	Cadmium (mg/l)	Chromium (mg/l)	Nitrate (mg/l)
MW-8 continued												
08/08/03	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	--	--	--	--
11/07/03	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	--	--	--	--
06/30/05	ND<0.50	ND<0.50	8.7	8.7	ND<0.50	ND<0.50	--	ND<50	--	--	--	--
MW-9												
07/23/02	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	--	--	--	--
11/20/02	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	--	--	--	--
02/27/03	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	--	--	--	--
05/29/03	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	--	--	--	--
08/08/03	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	--	--	--	--
11/07/03	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	--	--	--	--
05/12/04	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<1.0	ND<0.50	--	ND<50	--	--	--	--
11/12/04	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<1.0	ND<0.50	--	ND<50	--	--	--	--
06/07/05	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<0.50	ND<0.50	--	ND<50	--	--	--	--
MW-10												
07/23/02	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	--	--	--	--
11/20/02	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	--	--	--	--
02/27/03	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	--	--	--	--
05/29/03	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	--	--	--	--
08/08/03	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	--	--	--	--
11/07/03	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	--	--	--	--
05/12/04	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<1.0	ND<0.50	--	ND<50	--	--	--	--
11/12/04	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<1.0	ND<0.50	--	ND<50	--	--	--	--
06/07/05	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<0.50	ND<0.50	--	ND<50	--	--	--	--
MW-11												
07/23/02	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	--	--	--	--
11/20/02	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	--	--	--	--

Table 3
ADDITIONAL ANALYTICAL RESULTS
 76 Station 5830

Date Sampled	EDC (µg/l)	EDB (µg/l)	TAME 8260B (µg/l)	TBA 8260B (µg/l)	DIPE 8260B (µg/l)	ETBE 8260B (µg/l)	Zinc (mg/l)	Ethanol 8260B (µg/l)	Nickel (mg/l)	Cadmium (mg/l)	Chromium (mg/l)	Nitrate (mg/l)
MW-11 continued												
02/27/03	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	--	--	--	--
05/29/03	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	--	--	--	--
08/08/03	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	--	--	--	--
11/07/03	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	--	--	--	--
05/12/04	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<1.0	ND<0.50	--	ND<50	--	--	--	--
11/12/04	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<1.0	ND<0.50	--	ND<50	--	--	--	--
06/07/05	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<0.50	ND<0.50	--	ND<50	--	--	--	--

FIGURES



SCALE 1:24,000



VICINITY MAP

76 Station 5830
 2799 Yulupa Avenue
 Santa Rosa, California

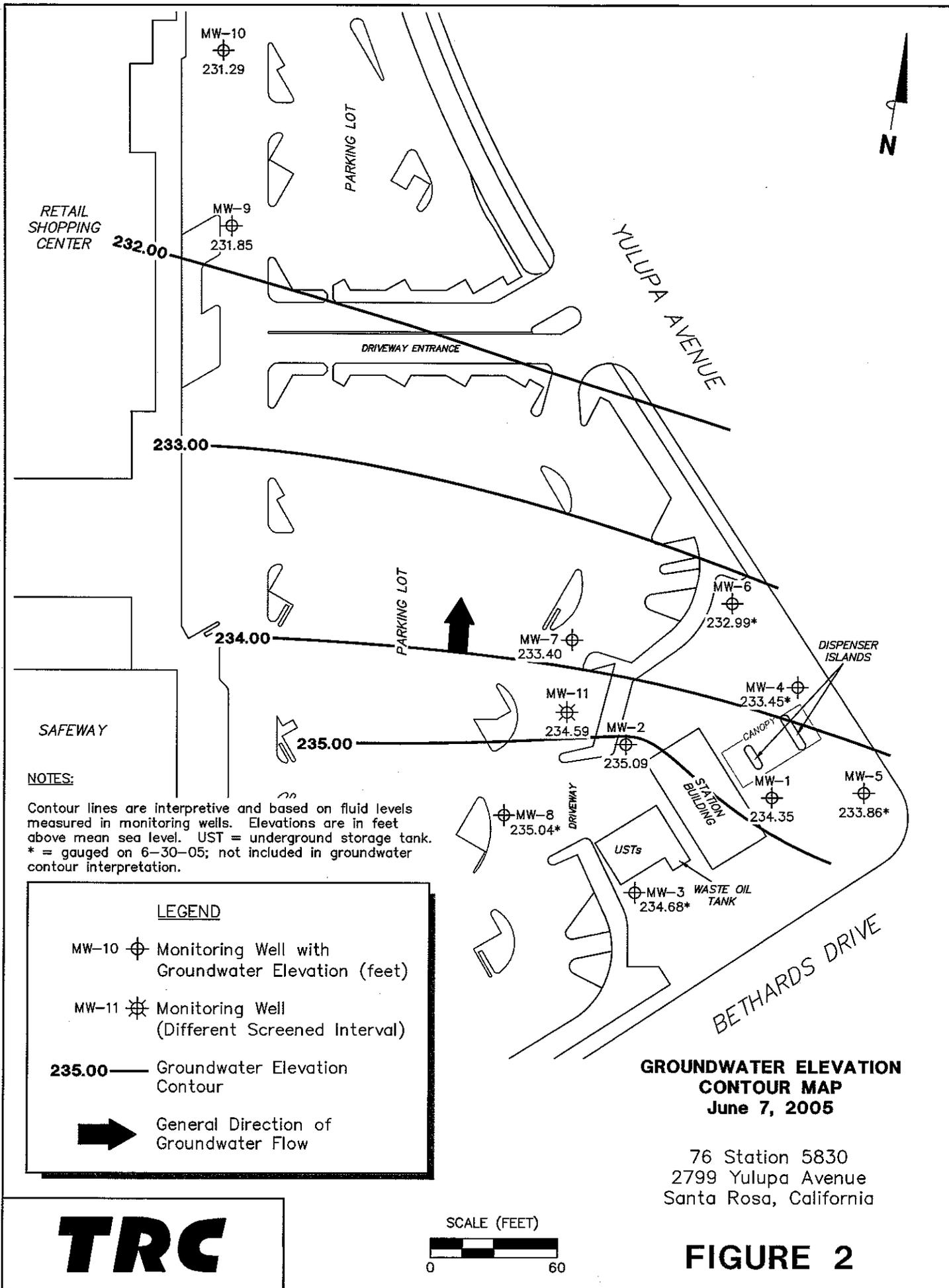
SOURCE:

United States Geological Survey
 7.5 Minute Topographic Map:
 Santa Rosa Quadrangle

FIGURE 1

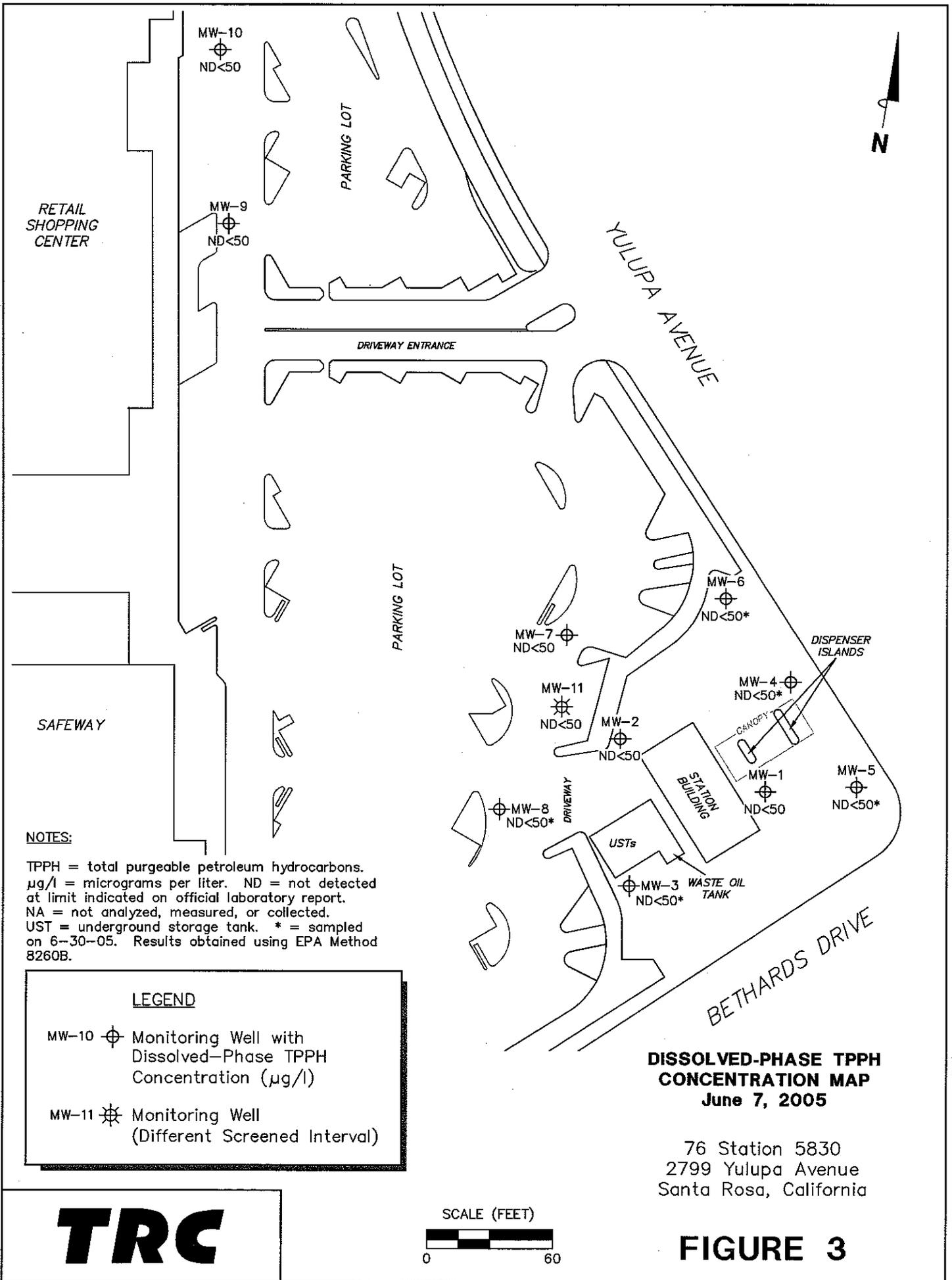
TRC

PS = 1:1



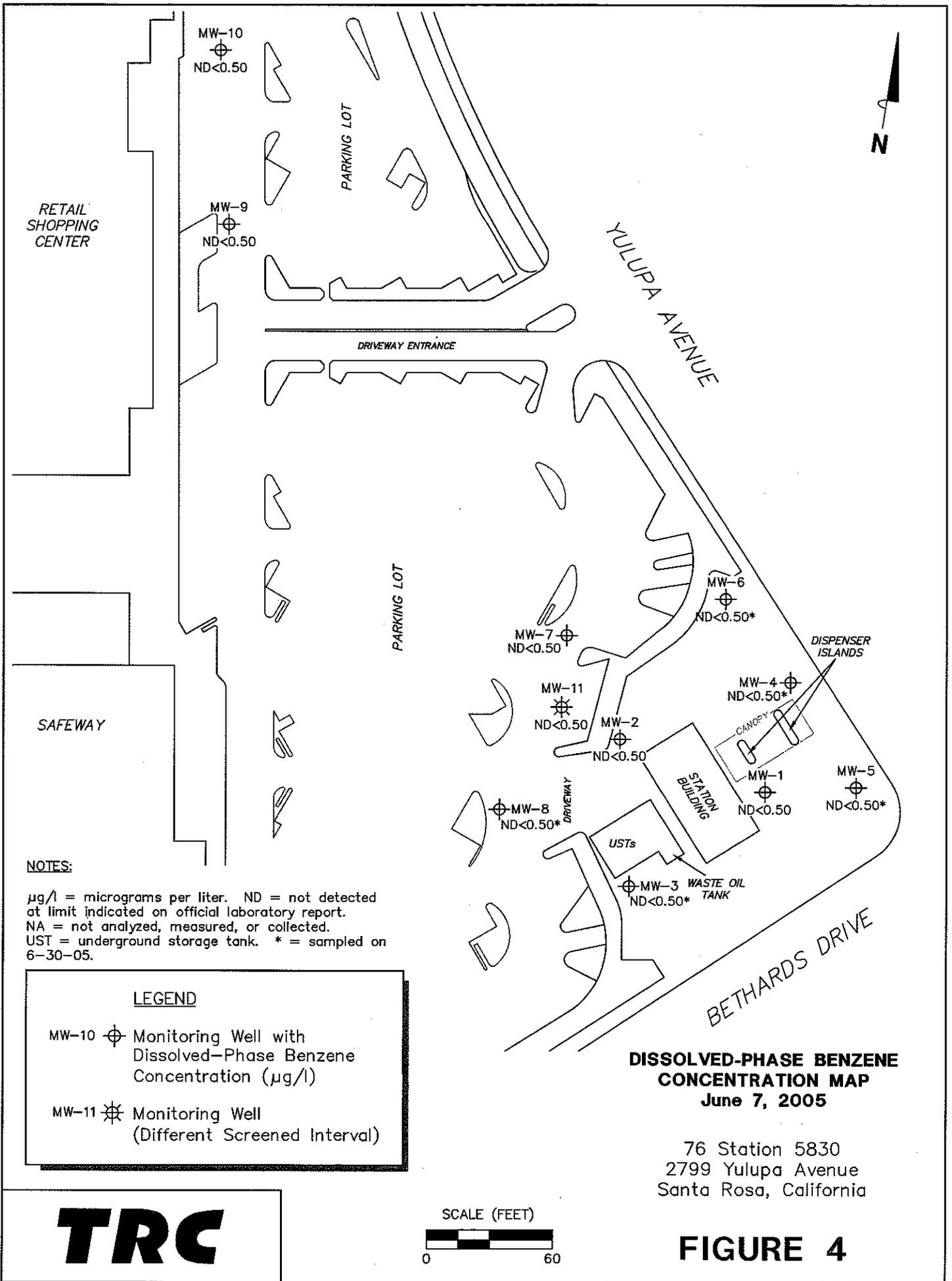
PS=1:1 5830-003





PS=1:1 5830-003

TRC



NOTES:

µg/l = micrograms per liter. ND = not detected at limit indicated on official laboratory report.
 NA = not analyzed, measured, or collected.
 UST = underground storage tank. * = sampled on 6-30-05.

LEGEND

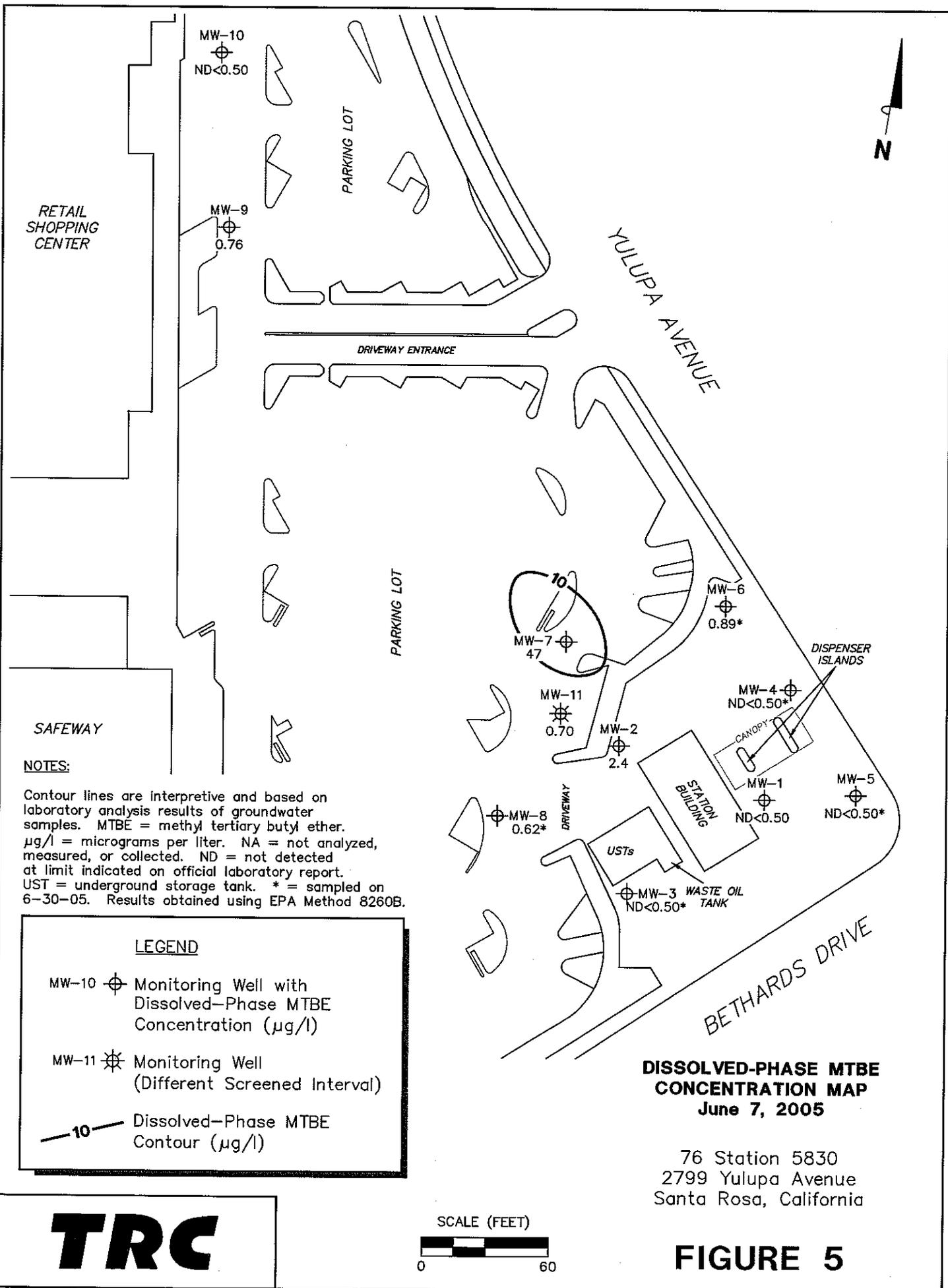
- MW-10 ⊕ Monitoring Well with Dissolved-Phase Benzene Concentration (µg/l)
- MW-11 ⊗ Monitoring Well (Different Screened Interval)

TRC

SCALE (FEET)



PS=1:1 5830-003



RETAIL SHOPPING CENTER

PARKING LOT

YULUPA AVENUE

DRIVEWAY ENTRANCE

PARKING LOT

SAFEWAY

NOTES:

Contour lines are interpretive and based on laboratory analysis results of groundwater samples. MTBE = methyl tertiary butyl ether. µg/l = micrograms per liter. NA = not analyzed, measured, or collected. ND = not detected at limit indicated on official laboratory report. UST = underground storage tank. * = sampled on 6-30-05. Results obtained using EPA Method 8260B.

LEGEND

- MW-10 ⊕ Monitoring Well with Dissolved-Phase MTBE Concentration (µg/l)
- MW-11 ⊛ Monitoring Well (Different Screened Interval)
- 10— Dissolved-Phase MTBE Contour (µg/l)

**DISSOLVED-PHASE MTBE CONCENTRATION MAP
June 7, 2005**

76 Station 5830
2799 Yulupa Avenue
Santa Rosa, California

TRC

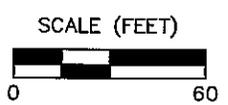
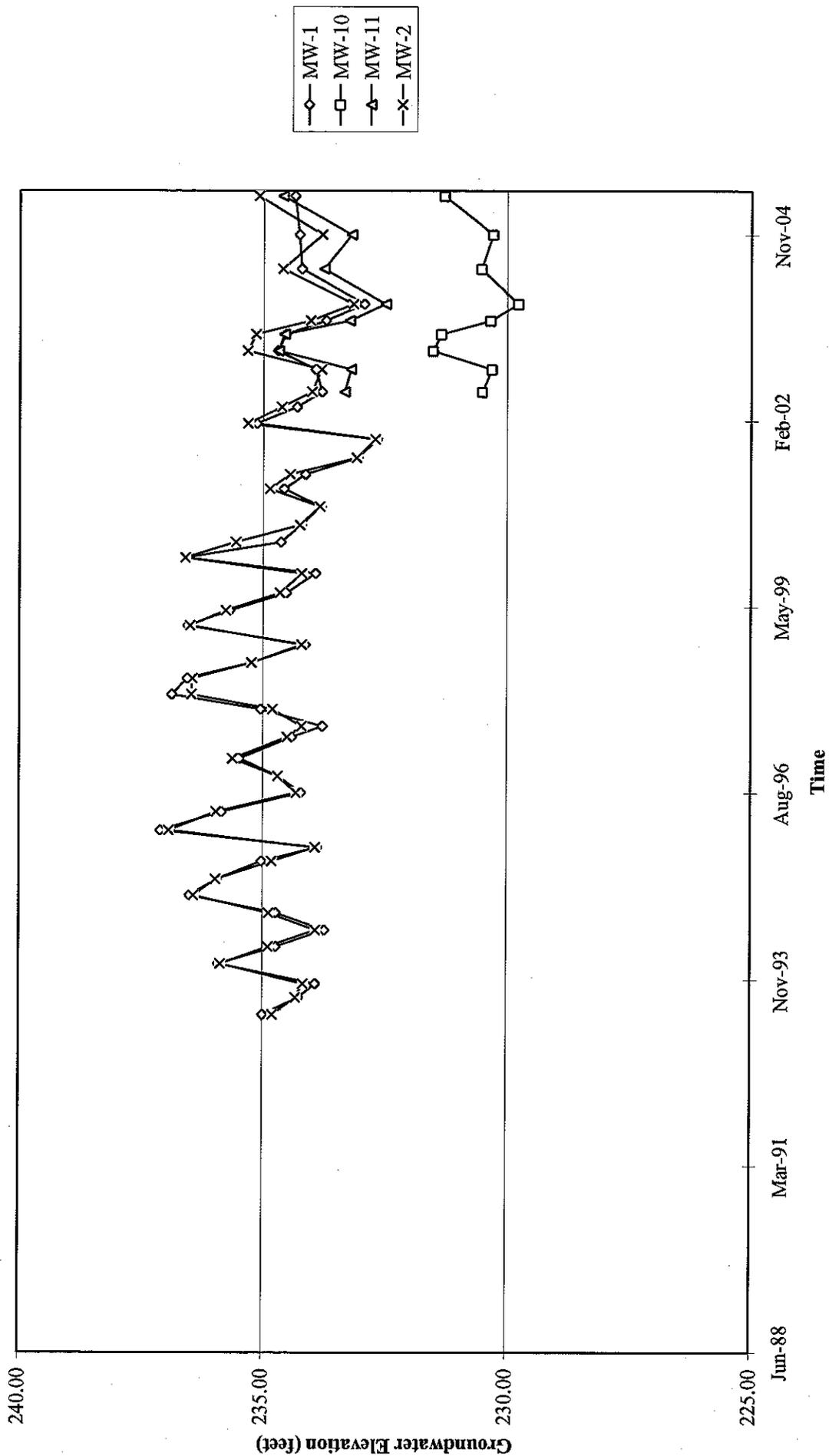


FIGURE 5

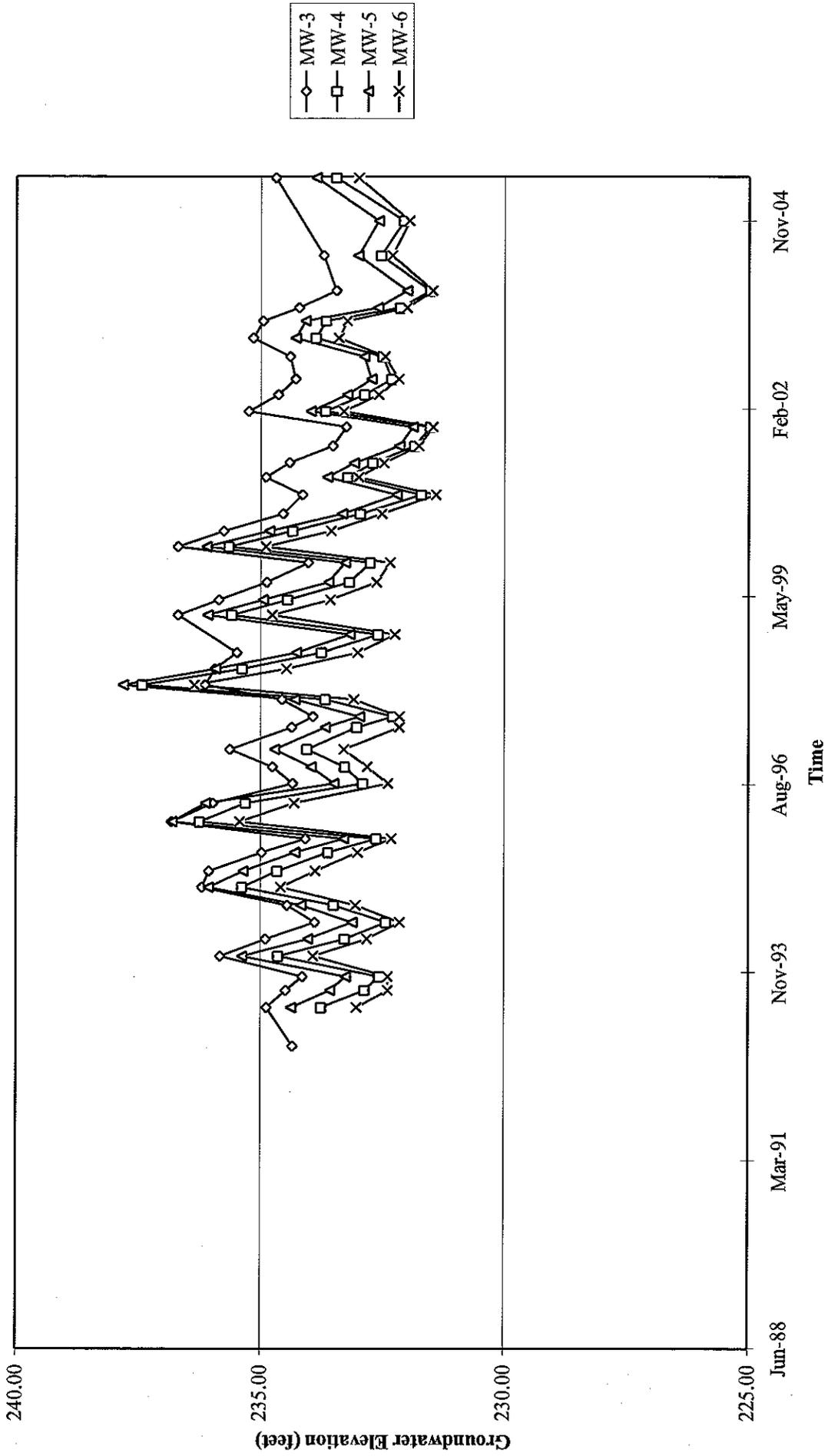
PS=1:1 5830-003

GRAPHS

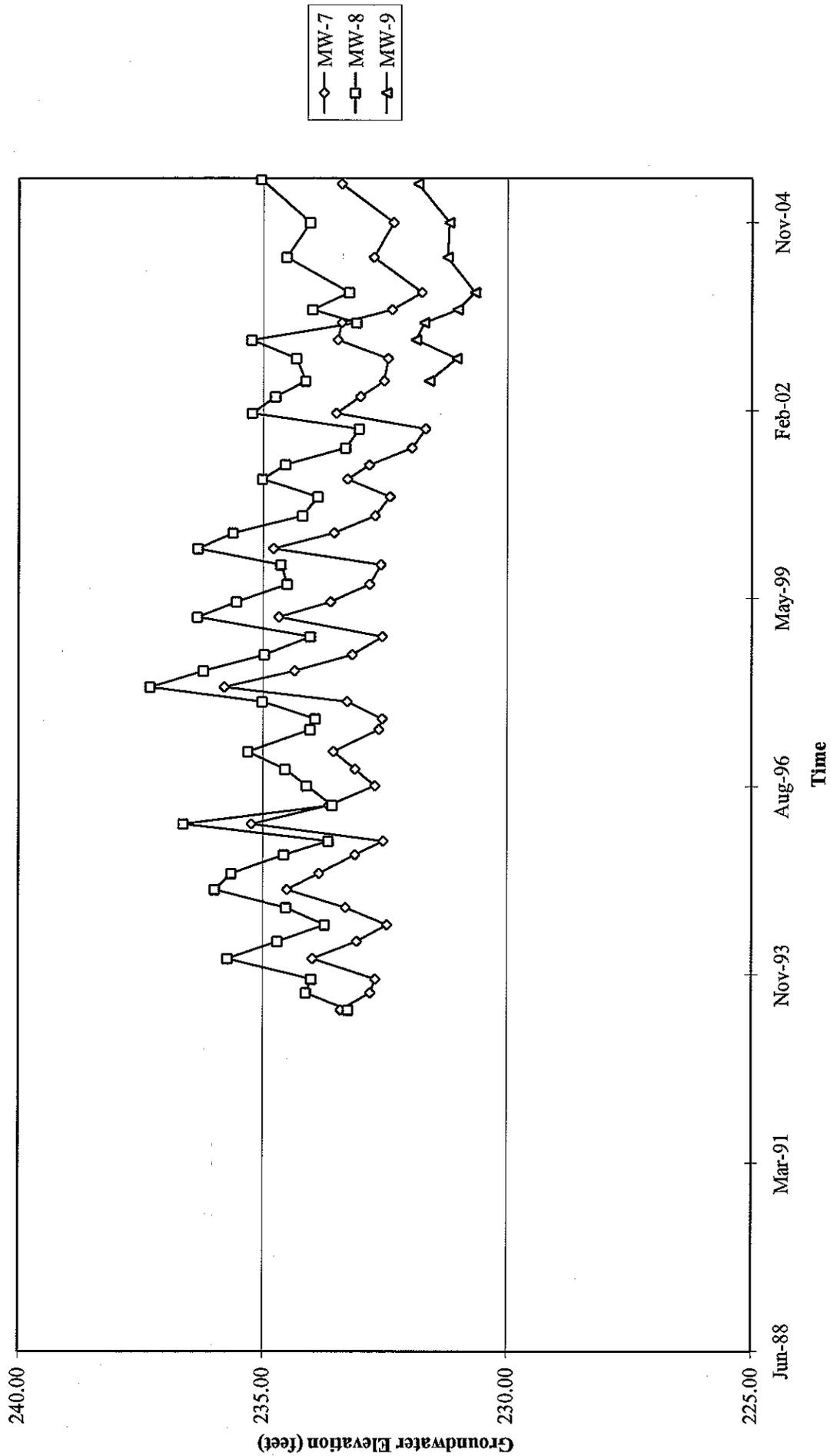
Groundwater Elevations vs. Time
76 Station 5830



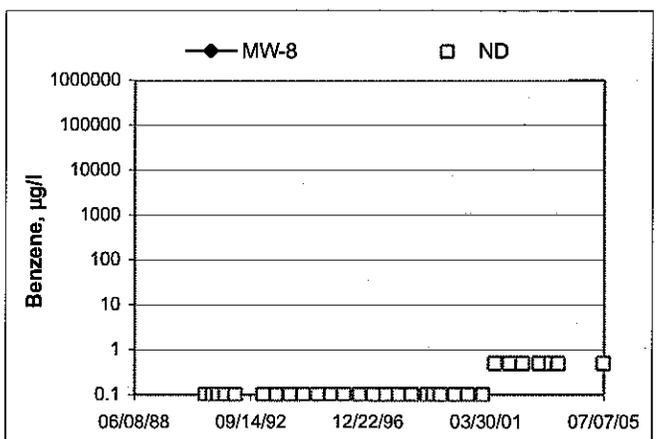
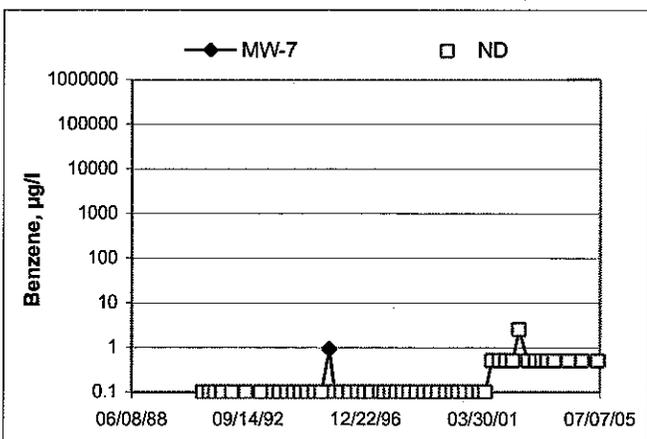
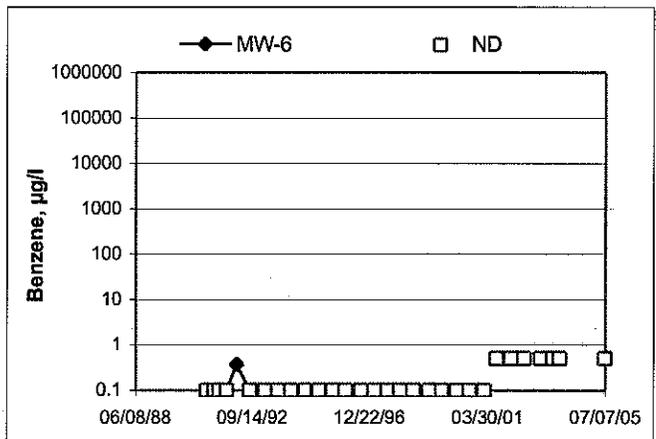
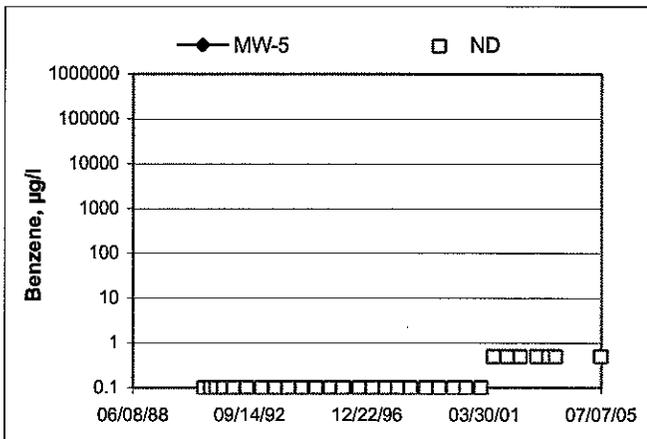
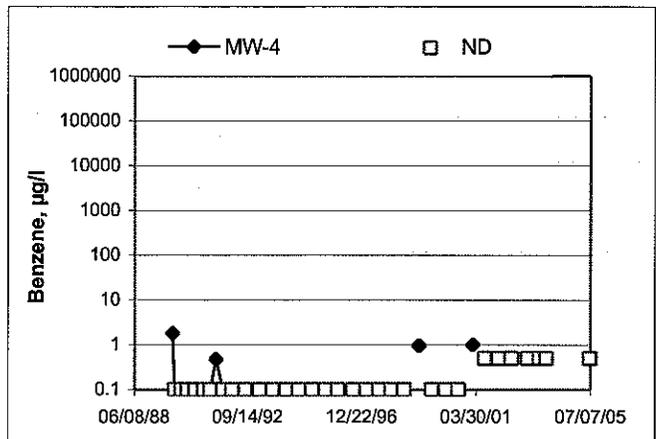
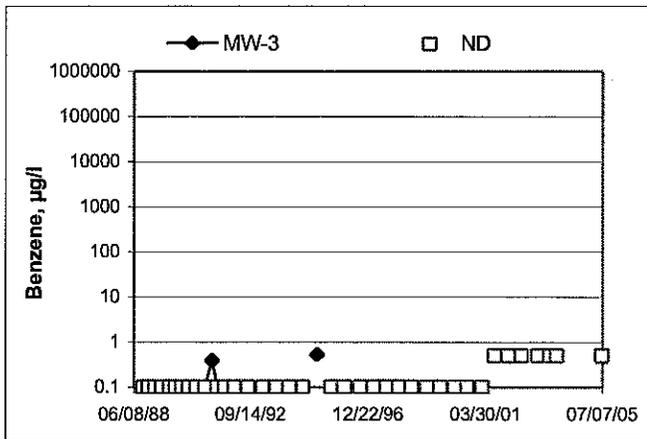
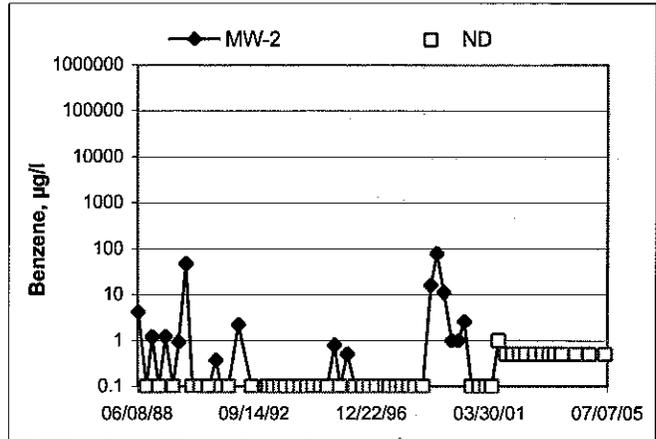
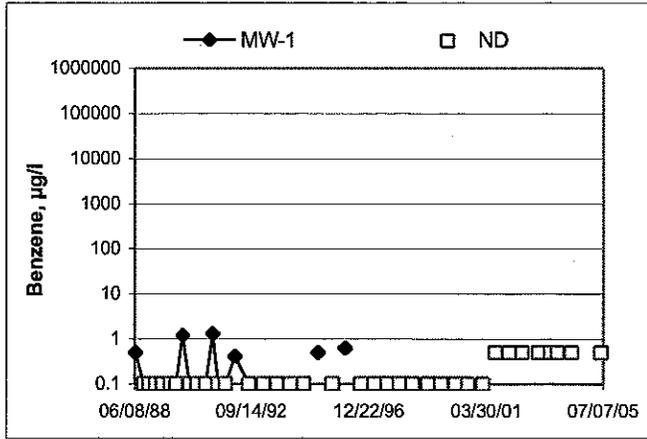
Groundwater Elevations vs. Time
76 Station 5830



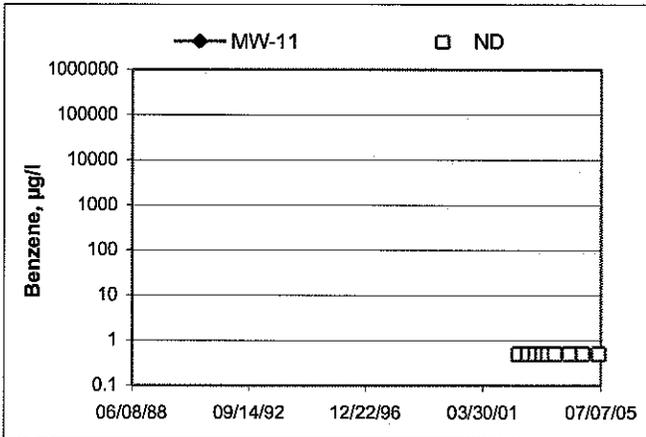
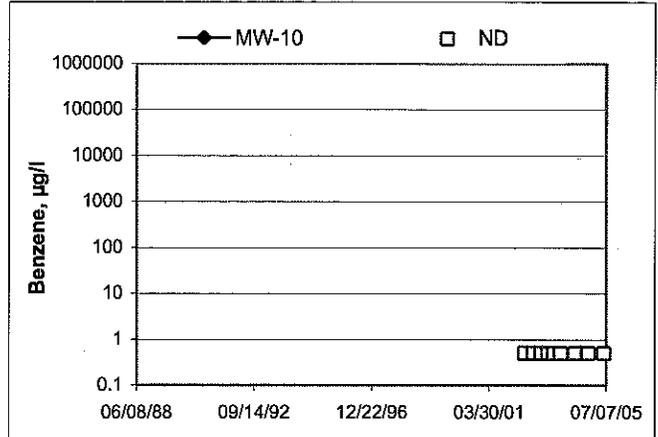
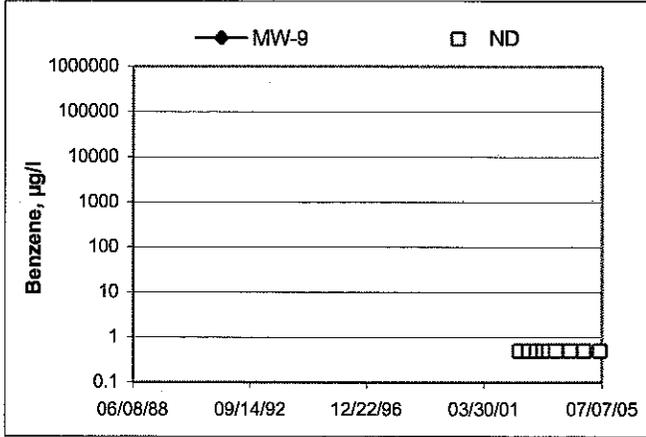
Groundwater Elevations vs. Time
76 Station 5830



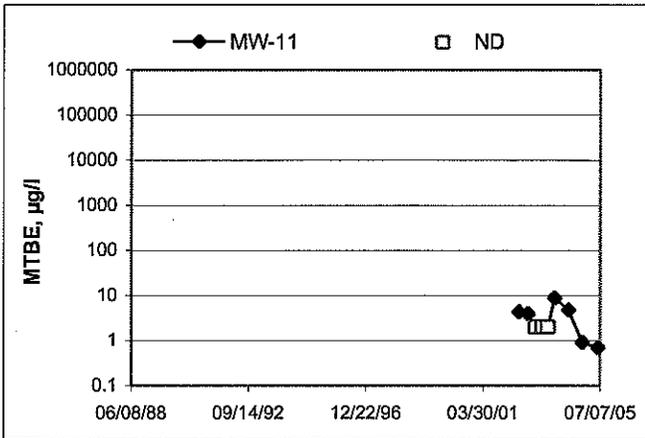
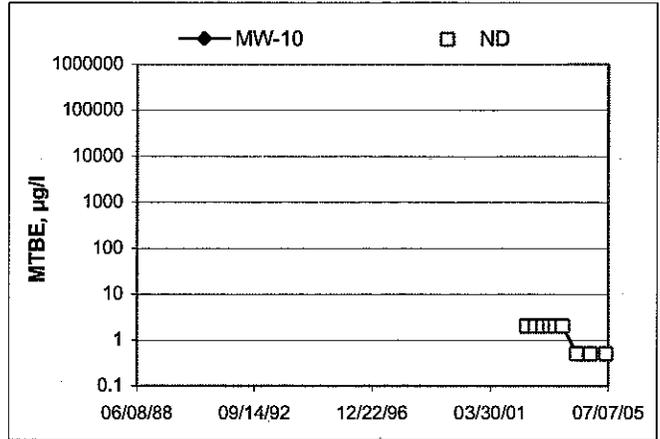
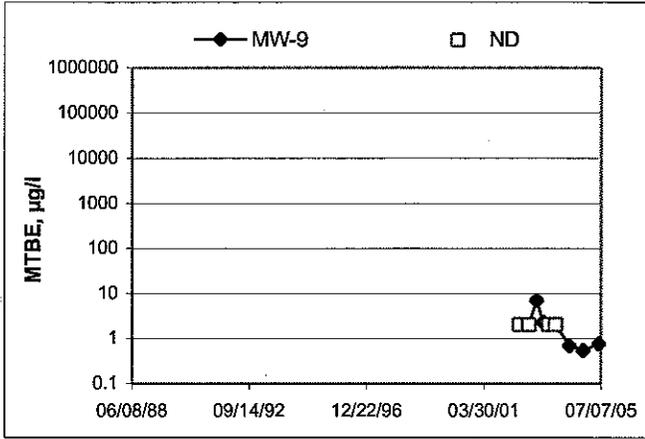
Benzene Concentrations vs Time
76 Station 5830



Benzene Concentrations vs Time
76 Station 5830



MTBE Concentrations vs Time
76 Station 5830



GENERAL FIELD PROCEDURES

Groundwater Monitoring and Sampling Assignments

For each site, TRC technicians are provided with a Technical Service Request (TSR) that specifies activities required to complete the groundwater monitoring and sampling assignment for the site. TSRs are based on client directives, instructions from the primary environmental consultant for the site, regulatory requirements, and TRC's previous experience with the site.

Fluid Level Measurements

Initial site activities include determination of well locations based on a site map provided with the TSR. Well boxes are opened and caps are removed. Indications of well or well box damage, or of pressure buildup in the well are noted.

Fluid levels in each well are measured using a coated cloth tape equipped with an electronic interface probe, which distinguishes between liquid phase hydrocarbon (LPH) and water. The depth to LPH (if it is present), to water, and to the bottom of the well are measured from the top of the well casing (surveyors mark or notch if present) to the nearest 0.01 foot. Unless otherwise instructed, a well with less than 0.67 foot between the measured top of water and the measured bottom of the well casing is considered dry, and is not sampled. If the well contains 0.67 foot or more of water, an attempt is made to bail and/or sample as specified on the TSR.

Wells that are found to contain LPH are not purged or sampled. Instead, one casing volume of fluid is bailed from the well and the well is re-sealed. Bailed fluids are placed in a container separate from normal purge water, and properly disposed.

Purging and Groundwater Parameter Measurement

TSR instructions may specify that a well not be purged (no-purge sampling), be purged using low-flow methods, or be purged using conventional pump and/or bail methods. Conventional purging generally consists of pumping or bailing until a minimum of three casing volumes of water have been removed or until the well has been pumped dry. Pumping is generally accomplished using submersible electric or pneumatic diaphragm pumps.

During conventional purging, three groundwater parameters (temperature, pH, and conductivity) are measured after removal of each casing volume. Stabilization of these parameters, to within 10 percent, confirm that sufficient purging has been completed. In some cases, the TSR indicates that other parameters are also to be measured during purging. TRC commonly measures dissolved oxygen (DO), oxidation-reduction potential (ORP), and/or turbidity. Instruments used for groundwater parameter measurement are calibrated daily according to manufacturer's instructions.

Low-flow purging utilizes a bladder or peristaltic pump to remove water from the well at a low rate. Groundwater parameters specified by the TSR are measured continuously until they become stable in general accordance with EPA guidelines.

Purge water is generally collected in labeled drums for disposal. Drums may be left on site for disposal by others, or transported to a collection location for eventual transfer to a licensed treatment or recycling facility. In some cases, purge water may be collected directly from the site by a licensed vacuum truck company, or may be treated on site by an active remediation system, if so directed.

Groundwater Sample Collection

After wells are purged, or not purged, according to TSR instructions, samples are collected for laboratory analysis. For wells that have been purged using conventional pump or bail methods, sampling is conducted after the well has recovered to 80 percent of its original volume or after two hours if the well does not recover to at least 80 percent. If there is insufficient recharge of water in the well after two hours, the well is not sampled.

Samples are collected by lowering a new, disposable, ½-inch to 4-inch polyethylene bottom-fill bailer to just below the water level in the well. The bailer is retrieved and the water sample is carefully transferred to containers specified for the laboratory analytical methods indicated by the TSR. Particular care is given to containers for volatile organic analysis (VOAs) which require filling to zero headspace and fitting with Teflon-sealed caps.

After filling, all containers are labeled with project number (or site number), well designation, sample date, and the samplers initials, and placed in an insulated chest with ice. Samples remain chilled prior to and during transport to a state-certified laboratory for analysis. Sample container descriptions and requested analyses are entered onto a chain-of-custody form in order to provide instructions to the laboratory. The chain-of-custody form accompanies the samples during transportation to provide a continuous record of possession from the field to the laboratory. If a freight or overnight carrier transports the samples, the carrier is noted on the form.

For wells that have been purged using low-flow methods, sample containers are filled from the effluent stream of the bladder or peristaltic pump. In some cases, if so specified by the TSR, samples are taken from the sample ports of actively pumping remediation wells.

Sequence of Gauging, Purging, and Sampling

The sequence in which monitoring activities are conducted are specified on the TSR. In general, wells are gauged beginning with the least-affected well and ending with the well that has highest concentration based on previous analytic results. After all gauging for the site is completed, wells are purged and/or sampled from the least-affected well to the most-affected well.

Decontamination

In order to reduce the possibility of cross-contamination between wells, strict isolation and decontamination procedures are observed. Portable pumps are not used in wells with LPH. Technicians wear nitrile gloves during all gauging, purging and sampling activities. Gloves are changed between wells and more often if warranted. Any equipment that could come in contact with fluids are either dedicated to a particular well, decontaminated prior to each use, or discarded after a single use. Decontamination consists of washing in a solution of Liqui-nox and water and rinsing twice. The final rinse is in deionized water.

Exceptions

Additional tasks or non-standard procedures, if any, that may be requested or required for a particular site, and noted on the site TSR, are documented in field notes on the following pages.

GROUNDWATER SAMPLING FIELD NOTES

Site # 5830

Technician: B. J. [Signature]

Site: (NW-1)

Project No.: 41050001/1420

Date: 06/07/05

Well No.: NW-1

Purge Method: DIA

Depth to Water (feet): 9.21

Depth to Product (feet): 0

Total Depth (feet): 25.91

LPH & Water Recovered (gallons): 0

Water Column (feet): 16.70

Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 12.55

1 Well Volume (gallons): 3

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	Turbidity	D.O.
0853			3	737	19.3	6.65		
			6	702	19.4	6.92		
	0904		9	686	19.7	8.27		
Static at Time Sampled			Total Gallons Purged		Time Sampled			
10.61			9		0907			
Comments:								

Well No.: (NW-2)

Purge Method: DIA

Depth to Water (feet): 6.91

Depth to Product (feet): 4

Total Depth (feet): 24.52

LPH & Water Recovered (gallons): 0

Water Column (feet): 17.61

Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 10.43

1 Well Volume (gallons): 3

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	Turbidity	D.O.
0916			3	552	19.9	7.28		
			6	576	20.0	6.96		
	0926		9	587	19.9	6.91		
Static at Time Sampled			Total Gallons Purged		Time Sampled			
6.96			9		0932			
Comments:								

GROUNDWATER SAMPLING FIELD NOTES

Technician: Wick R.

Site: 5830

Project No.: 4105000

Date: 06/07/05

Well No.: MW-10

Purge Method: DIA

Depth to Water (feet): ~~6.04~~^{PR} 9.58

Depth to Product (feet): 0

Total Depth (feet): ~~19.73~~^{PR} 27.69

LPH & Water Recovered (gallons): 0

Water Column (feet): ~~13.6~~^{PR} 18.11

Casing Diameter (Inches): 2"

80% Recharge Depth (feet): ~~8.78~~^{PR} 13.20

1 Well Volume (gallons): ~~2~~^{PR} 3

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F) (C)	pH	Turbidity	D.O.
0930			3 ^{PR} 3	1039	19.9	6.77		
			4 ^{PR} 6	1028	19.4	6.73		
	0932		6 ^{PR} 9	1010	19.6	6.70		
Static at Time Sampled			Total Gallons Purged			Time Sampled		
13.19			9			0935		
Comments:								

Well No.: MW-9

Purge Method: DIA

Depth to Water (feet): 9.07

Depth to Product (feet): 0

Total Depth (feet): 27.11

LPH & Water Recovered (gallons): 0

Water Column (feet): 18.04

Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 12.68

1 Well Volume (gallons): 3

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F) (C)	pH	Turbidity	D.O.
0945			3	980	20.0	6.77		
			6	984	19.4	6.75		
	0947		9	995	19.4	6.74		
Static at Time Sampled			Total Gallons Purged			Time Sampled		
10.04			9			0949		
Comments:								

GROUNDWATER SAMPLING FIELD NOTES

Technician: Rick R.

Site: 5830

Project No.: 41030001

Date: 06/07/05

Well No.: MW-11
 Depth to Water (feet): 6.54
 Total Depth (feet): 46.27
 Water Column (feet): 39.73
 80% Recharge Depth (feet): 14.49

Purge Method: DIA
 Depth to Product (feet): 0
 LPH & Water Recovered (gallons): 0
 Casing Diameter (Inches): 2"
 1 Well Volume (gallons): 6

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F) (C)	pH	Turbidity	D.O.
1001			6	853	20.3	6.96		
			12	886	20.3	6.88		
	1006		18	893	20.3	6.87		
Static at Time Sampled			Total Gallons Purged		Time Sampled			
13.85			18		1009			
Comments:								

Well No.: MW-7
 Depth to Water (feet): 8.17
 Total Depth (feet): 23.43
 Water Column (feet): 15.26
 80% Recharge Depth (feet): 11.22

Purge Method: DIA
 Depth to Product (feet): 0
 LPH & Water Recovered (gallons): 0
 Casing Diameter (Inches): 2"
 1 Well Volume (gallons): 2

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F) (C)	pH	Turbidity	D.O.
1022			2	756	20.6	6.79		
			4	744	20.1	6.67		
	1024		6	759	19.9	6.70		
Static at Time Sampled			Total Gallons Purged		Time Sampled			
11.14			6		1031			
Comments:								

GROUNDWATER SAMPLING FIELD NOTES

Technician: Pick R.

Site: 5830

Project No.: 41050001

Date: 06/30/09

Well No.: MW-8

Purge Method: DIA

Depth to Water (feet): 6.23

Depth to Product (feet): 0

Total Depth (feet): 19.73

LPH & Water Recovered (gallons): 0

Water Column (feet): 13.50

Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 8.93

1 Well Volume (gallons): 2

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F. (C))	pH	Turbidity	D.O.
1024			2	1539	22.8	6.56		
			4	1528	21.9	6.57		
	1026		6	1564	21.3	6.57		
Static at Time Sampled			Total Gallons Purged		Time Sampled			
7.08			6		1028			
Comments:								

Well No.: MW-3

Purge Method: DIA

Depth to Water (feet): 7.78

Depth to Product (feet): 0

Total Depth (feet): 29.23

LPH & Water Recovered (gallons): 0

Water Column (feet): 21.45

Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 12.07

1 Well Volume (gallons): 3

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F. (C))	pH	Turbidity	D.O.
1037			3	844	21.4	6.71		
			6	831	20.6	6.70		
	1039		9	849	20.2	6.70		
Static at Time Sampled			Total Gallons Purged		Time Sampled			
12.05			9		1042			
Comments:								

GROUNDWATER SAMPLING FIELD NOTES

Technician: Dick R.

Site: 5830

Project No.: 411050001

Date: 06/30/05

Well No.: MW-5

Purge Method: DIA

Depth to Water (feet): 9.76

Depth to Product (feet): 0

Total Depth (feet): 21.69

LPH & Water Recovered (gallons): 0

Water Column (feet): 11.93

Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 12.15

1 Well Volume (gallons): 2

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F °C)	pH	Turbidity	D.O.
1052			2	852	21.9	6.67		
			4	794	21.5	6.61		
	1054		6	793	21.1	6.62		
Static at Time Sampled		Total Gallons Purged			Time Sampled			
12.10		6			1056			
Comments:								

Well No.: MW-4

Purge Method: DIA

Depth to Water (feet): 9.78

Depth to Product (feet): 0

Total Depth (feet): 21.55

LPH & Water Recovered (gallons): 0

Water Column (feet): 11.77

Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 12.13

1 Well Volume (gallons): 2

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F °C)	pH	Turbidity	D.O.
1107			2	461	22.0	6.63		
			4	447	21.2	6.62		
	1109		6	443	20.4	6.60		
Static at Time Sampled		Total Gallons Purged			Time Sampled			
12.10		6			1114			
Comments:								

GROUNDWATER SAMPLING FIELD NOTES

Technician: Dick R.

Site: 5830

Project No.: 41050001

Date: 06/30/09

Well No.: MW-6

Purge Method: DIA

Depth to Water (feet): 9.73

Depth to Product (feet): 0

Total Depth (feet): 19.73

LPH & Water Recovered (gallons): 0

Water Column (feet): 10.00

Casing Diameter (Inches): 2

80% Recharge Depth (feet): 11.73

1 Well Volume (gallons): 2

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F. C)	pH	Turbidity	D.O.
1121			2	404	22.5	6.76		
			4	415	21.3	6.72		
	1123		6	421	20.2	6.79		
Static at Time Sampled			Total Gallons Purged		Time Sampled			
11.70			6		1155			
Comments:								

Well No.: _____

Purge Method: _____

Depth to Water (feet): _____

Depth to Product (feet): _____

Total Depth (feet): _____

LPH & Water Recovered (gallons): _____

Water Column (feet): _____

Casing Diameter (Inches): _____

80% Recharge Depth (feet): _____

1 Well Volume (gallons): _____

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F. C)	pH	Turbidity	D.O.
Static at Time Sampled			Total Gallons Purged		Time Sampled			
Comments:								

TRC Alton Geoscience- Irvine

June 27, 2005

21 Technology Drive
Irvine, CA 92718

Attn.: Anju Farfan

Project#: 41050001FA20

Project: Conoco Phillips # 5830

Site: 2799 Yulupa Ave., Santa Rosa

Attached is our report for your samples received on 06/07/2005 18:30

This report has been reviewed and approved for release. Reproduction of this report is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after 07/22/2005 unless you have requested otherwise.

We appreciate the opportunity to be of service to you. If you have any questions, please call me at (925) 484-1919.

You can also contact me via email. My email address is: dsharma@stl-inc.com

Sincerely,



Dimple Sharma
Project Manager

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive

Irvine, CA 92718

Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20

Conoco Phillips # 5830

Received: 06/07/2005 18:30

Site: 2799 Yulupa Ave., Santa Rosa

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
MW-10	06/07/2005 09:35	Water	1
MW-9	06/07/2005 09:49	Water	2
MW-11	06/07/2005 10:09	Water	3
MW-7	06/07/2005 10:31	Water	4
MW-1	06/07/2005 09:07	Water	5
MW-2	06/07/2005 09:32	Water	6

Sewern Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

06/25/2005 11:39

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive

Irvine, CA 92718

Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20

Conoco Phillips # 5830

Received: 06/07/2005 18:30

Site: 2799 Yulupa Ave., Santa Rosa

Prep(s): 5030B	Test(s): 8260B
Sample ID: MW-10	Lab ID: 2005-06-0202 - 1
Sampled: 06/07/2005 09:35	Extracted: 6/18/2005 15:15 6/18/2005 17:08
Matrix: Water	QC Batch#: 2005/06/18-1A.64 2005/06/18-1A.66
pH: <2	

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C6-C12)	ND	50	ug/L	1.00	06/18/2005 15:15	
Benzene	ND	0.50	ug/L	1.00	06/18/2005 15:15	
Toluene	ND	0.50	ug/L	1.00	06/18/2005 15:15	
Ethylbenzene	ND	0.50	ug/L	1.00	06/18/2005 15:15	
Total xylenes	ND	1.0	ug/L	1.00	06/18/2005 15:15	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	06/18/2005 15:15	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	06/18/2005 15:15	
Di-isopropyl Ether (DIPE)	ND	0.50	ug/L	1.00	06/18/2005 17:08	
Ethyl tert-butyl ether (ETBE)	ND	0.50	ug/L	1.00	06/18/2005 15:15	
tert-Amyl methyl ether (TAME)	ND	0.50	ug/L	1.00	06/18/2005 15:15	
1,2-DCA	ND	0.50	ug/L	1.00	06/18/2005 15:15	
EDB	ND	0.50	ug/L	1.00	06/18/2005 15:15	
Ethanol	ND	50	ug/L	1.00	06/18/2005 15:15	
Surrogate(s)						
1,2-Dichloroethane-d4	112.3	73-130	%	1.00	06/18/2005 17:08	
1,2-Dichloroethane-d4	108.3	73-130	%	1.00	06/18/2005 15:15	
Toluene-d8	102.6	81-114	%	1.00	06/18/2005 17:08	
Toluene-d8	99.5	81-114	%	1.00	06/18/2005 15:15	

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06/25/2005 11:39

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive

Irvine, CA 92718

Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20

Conoco Phillips # 5830

Received: 06/07/2005 18:30

Site: 2799 Yulupa Ave., Santa Rosa

Prep(s):	5030B	Test(s):	8260B
Sample ID:	MW-9	Lab ID:	2005-06-0202 - 2
Sampled:	06/07/2005 09:49	Extracted:	6/18/2005 15:39 6/18/2005 15:58
Matrix:	Water	QC Batch#:	2005/06/18-1A.64 2005/06/18-1B.62
pH:	<2		

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C6-C12)	ND	50	ug/L	1.00	06/18/2005 15:39	
Benzene	ND	0.50	ug/L	1.00	06/18/2005 15:39	
Toluene	ND	0.50	ug/L	1.00	06/18/2005 15:39	
Ethylbenzene	ND	0.50	ug/L	1.00	06/18/2005 15:39	
Total xylenes	ND	1.0	ug/L	1.00	06/18/2005 15:39	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	06/18/2005 15:39	
Methyl tert-butyl ether (MTBE)	0.76	0.50	ug/L	1.00	06/18/2005 15:39	
Di-isopropyl Ether (DIPE)	ND	0.50	ug/L	1.00	06/18/2005 15:58	
Ethyl tert-butyl ether (ETBE)	ND	0.50	ug/L	1.00	06/18/2005 15:39	
tert-Amyl methyl ether (TAME)	ND	0.50	ug/L	1.00	06/18/2005 15:39	
1,2-DCA	ND	0.50	ug/L	1.00	06/18/2005 15:39	
EDB	ND	0.50	ug/L	1.00	06/18/2005 15:39	
Ethanol	ND	50	ug/L	1.00	06/18/2005 15:39	
Surrogate(s)						
1,2-Dichloroethane-d4	118.4	73-130	%	1.00	06/18/2005 15:58	
1,2-Dichloroethane-d4	109.2	73-130	%	1.00	06/18/2005 15:39	
Toluene-d8	102.2	81-114	%	1.00	06/18/2005 15:58	
Toluene-d8	99.7	81-114	%	1.00	06/18/2005 15:39	

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06/25/2005 11:39

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive

Irvine, CA 92718

Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20

Conoco Phillips # 5830

Received: 06/07/2005 18:30

Site: 2799 Yulupa Ave., Santa Rosa

Prep(s):	5030B	Test(s):	8260B
Sample ID:	MW-11	Lab ID:	2005-06-0202 - 3
Sampled:	06/07/2005 10:09	Extracted:	6/19/2005 11:41 6/19/2005 13:50
Matrix:	Water	QC Batch#:	2005/06/19-1A.64 2005/06/19-1A.66

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C6-C12)	ND	50	ug/L	1.00	06/19/2005 11:41	
Benzene	ND	0.50	ug/L	1.00	06/19/2005 11:41	
Toluene	ND	0.50	ug/L	1.00	06/19/2005 11:41	
Ethylbenzene	ND	0.50	ug/L	1.00	06/19/2005 11:41	
Total xylenes	ND	1.0	ug/L	1.00	06/19/2005 11:41	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	06/19/2005 11:41	
Methyl tert-butyl ether (MTBE)	0.70	0.50	ug/L	1.00	06/19/2005 11:41	
Di-isopropyl Ether (DIPE)	ND	0.50	ug/L	1.00	06/19/2005 13:50	
Ethyl tert-butyl ether (ETBE)	ND	0.50	ug/L	1.00	06/19/2005 11:41	
tert-Amyl methyl ether (TAME)	ND	0.50	ug/L	1.00	06/19/2005 11:41	
1,2-DCA	ND	0.50	ug/L	1.00	06/19/2005 11:41	
EDB	ND	0.50	ug/L	1.00	06/19/2005 11:41	
Ethanol	ND	50	ug/L	1.00	06/19/2005 11:41	
Surrogate(s)						
1,2-Dichloroethane-d4	99.5	73-130	%	1.00	06/19/2005 13:50	
1,2-Dichloroethane-d4	99.0	73-130	%	1.00	06/19/2005 11:41	
Toluene-d8	103.8	81-114	%	1.00	06/19/2005 13:50	
Toluene-d8	98.3	81-114	%	1.00	06/19/2005 11:41	

Severn Trent Laboratories, Inc.

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06/25/2005 11:39

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive

Irvine, CA 92718

Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20

Conoco Phillips # 5830

Received: 06/07/2005 18:30

Site: 2799 Yulupa Ave., Santa Rosa

Prep(s): 5030B	Test(s): 8260B
Sample ID: MW-7	Lab ID: 2005-06-0202-4
Sampled: 06/07/2005 10:31	Extracted: 6/19/2005 12:05 6/19/2005 14:15
Matrix: Water	QC Batch#: 2005/06/19-1A.64 2005/06/19-1A.66

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C6-C12)	ND	50	ug/L	1.00	06/19/2005 12:05	
Benzene	ND	0.50	ug/L	1.00	06/19/2005 12:05	
Toluene	ND	0.50	ug/L	1.00	06/19/2005 12:05	
Ethylbenzene	ND	0.50	ug/L	1.00	06/19/2005 12:05	
Total xylenes	ND	1.0	ug/L	1.00	06/19/2005 12:05	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	06/19/2005 12:05	
Methyl tert-butyl ether (MTBE)	47	0.50	ug/L	1.00	06/19/2005 12:05	
Di-isopropyl Ether (DIPE)	ND	0.50	ug/L	1.00	06/19/2005 14:15	
Ethyl tert-butyl ether (ETBE)	ND	0.50	ug/L	1.00	06/19/2005 12:05	
tert-Amyl methyl ether (TAME)	ND	0.50	ug/L	1.00	06/19/2005 12:05	
1,2-DCA	ND	0.50	ug/L	1.00	06/19/2005 12:05	
EDB	ND	0.50	ug/L	1.00	06/19/2005 12:05	
Ethanol	ND	50	ug/L	1.00	06/19/2005 12:05	
Surrogate(s)						
1,2-Dichloroethane-d4	102.7	73-130	%	1.00	06/19/2005 14:15	
1,2-Dichloroethane-d4	104.3	73-130	%	1.00	06/19/2005 12:05	
Toluene-d8	105.7	81-114	%	1.00	06/19/2005 14:15	
Toluene-d8	98.0	81-114	%	1.00	06/19/2005 12:05	

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

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Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20

Conoco Phillips # 5830

Received: 06/07/2005 18:30

Site: 2799 Yulupa Ave., Santa Rosa

Prep(s): 5030B	Test(s): 8260B
Sample ID: MW-1	Lab ID: 2005-06-0202 - 5
Sampled: 06/07/2005 09:07	Extracted: 6/19/2005 12:30 6/19/2005 14:40
Matrix: Water	QC Batch#: 2005/06/19-1A.64 2005/06/19-1A.66

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C6-C12)	ND	50	ug/L	1.00	06/19/2005 12:30	
Benzene	ND	0.50	ug/L	1.00	06/19/2005 12:30	
Toluene	ND	0.50	ug/L	1.00	06/19/2005 12:30	
Ethylbenzene	ND	0.50	ug/L	1.00	06/19/2005 12:30	
Total xylenes	ND	1.0	ug/L	1.00	06/19/2005 12:30	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	06/19/2005 12:30	
Surrogate(s)						
1,2-Dichloroethane-d4	105.8	73-130	%	1.00	06/19/2005 12:30	
1,2-Dichloroethane-d4	103.7	73-130	%	1.00	06/19/2005 14:40	
Toluene-d8	98.7	81-114	%	1.00	06/19/2005 12:30	
Toluene-d8	102.3	81-114	%	1.00	06/19/2005 14:40	

Gas/BTEX Fuel Oxygenates by 8260B

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Project: 41050001FA20

Conoco Phillips # 5830

Received: 06/07/2005 18:30

Site: 2799 Yulupa Ave., Santa Rosa

Prep(s):	5030B	Test(s):	8260B
Sample ID:	MW-2	Lab ID:	2005-06-0202 - 6
Sampled:	06/07/2005 09:32	Extracted:	6/19/2005 12:54 6/19/2005 15:06
Matrix:	Water	QC Batch#:	2005/06/19-1A.64 2005/06/19-1A.66

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C6-C12)	ND	50	ug/L	1.00	06/19/2005 12:54	
Benzene	ND	0.50	ug/L	1.00	06/19/2005 12:54	
Toluene	ND	0.50	ug/L	1.00	06/19/2005 12:54	
Ethylbenzene	ND	0.50	ug/L	1.00	06/19/2005 12:54	
Total xylenes	ND	1.0	ug/L	1.00	06/19/2005 12:54	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	06/19/2005 12:54	
Methyl tert-butyl ether (MTBE)	2.4	0.50	ug/L	1.00	06/19/2005 12:54	
Di-isopropyl Ether (DIPE)	ND	0.50	ug/L	1.00	06/19/2005 15:06	
Ethyl tert-butyl ether (ETBE)	ND	0.50	ug/L	1.00	06/19/2005 12:54	
tert-Amyl methyl ether (TAME)	ND	0.50	ug/L	1.00	06/19/2005 12:54	
1,2-DCA	ND	0.50	ug/L	1.00	06/19/2005 12:54	
EDB	ND	0.50	ug/L	1.00	06/19/2005 12:54	
Ethanol	ND	50	ug/L	1.00	06/19/2005 12:54	
Surrogate(s)						
1,2-Dichloroethane-d4	102.5	73-130	%	1.00	06/19/2005 12:54	
1,2-Dichloroethane-d4	101.9	73-130	%	1.00	06/19/2005 15:06	
Toluene-d8	100.3	81-114	%	1.00	06/19/2005 12:54	
Toluene-d8	100.9	81-114	%	1.00	06/19/2005 15:06	

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Gas/BTEX Fuel Oxygenates by 8260B

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Project: 41050001FA20

Conoco Phillips # 5830

Received: 06/07/2005 18:30

Site: 2799 Yulupa Ave., Santa Rosa

Batch QC Report			
Prep(s): 5030B			Test(s): 8260B
Method Blank		Water	QC Batch # 2005/06/18-1A.64
MB: 2005/06/18-1A.64-044			Date Extracted: 06/18/2005 06:44

Compound	Conc.	RL	Unit	Analyzed	Flag
GRO (C6-C12)	ND	50	ug/L	06/18/2005 06:44	
Benzene	ND	0.5	ug/L	06/18/2005 06:44	
Toluene	ND	0.5	ug/L	06/18/2005 06:44	
Ethylbenzene	ND	0.5	ug/L	06/18/2005 06:44	
Total xylenes	ND	1.0	ug/L	06/18/2005 06:44	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	06/18/2005 06:44	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	06/18/2005 06:44	
Di-isopropyl Ether (DIPE)	ND	0.5	ug/L	06/18/2005 06:44	
Ethyl tert-butyl ether (ETBE)	ND	0.5	ug/L	06/18/2005 06:44	
tert-Amyl methyl ether (TAME)	ND	0.5	ug/L	06/18/2005 06:44	
1,2-DCA	ND	0.5	ug/L	06/18/2005 06:44	
EDB	ND	0.5	ug/L	06/18/2005 06:44	
Ethanol	ND	50	ug/L	06/18/2005 06:44	
Surrogates(s)					
1,2-Dichloroethane-d4	94.2	73-130	%	06/18/2005 06:44	
Toluene-d8	99.6	81-114	%	06/18/2005 06:44	

Gas/BTEX Fuel Oxygenates by 8260B

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Project: 41050001FA20

Conoco Phillips # 5830

Received: 06/07/2005 18:30

Site: 2799 Yulupa Ave., Santa Rosa

Batch QC Report					
Prep(s): 5030B			Test(s): 8260B		
Method Blank			Water		
MB: 2005/06/18-1A.66-054			QC Batch # 2005/06/18-1A.66		
			Date Extracted: 06/18/2005 07:54		
Compound	Conc.	RL	Unit	Analyzed	Flag
GRO (C6-C12)	ND	50	ug/L	06/18/2005 07:54	
Benzene	ND	0.5	ug/L	06/18/2005 07:54	
Toluene	ND	0.5	ug/L	06/18/2005 07:54	
Ethylbenzene	ND	0.5	ug/L	06/18/2005 07:54	
Total xylenes	ND	1.0	ug/L	06/18/2005 07:54	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	06/18/2005 07:54	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	06/18/2005 07:54	
Di-isopropyl Ether (DIPE)	ND	0.5	ug/L	06/18/2005 07:54	
Ethyl tert-butyl ether (ETBE)	ND	0.5	ug/L	06/18/2005 07:54	
tert-Amyl methyl ether (TAME)	ND	0.5	ug/L	06/18/2005 07:54	
1,2-DCA	ND	0.5	ug/L	06/18/2005 07:54	
EDB	ND	0.5	ug/L	06/18/2005 07:54	
Ethanol	ND	50	ug/L	06/18/2005 07:54	
Surrogates(s)					
1,2-Dichloroethane-d4	101.8	73-130	%	06/18/2005 07:54	
Toluene-d8	98.2	81-114	%	06/18/2005 07:54	

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Project: 41050001FA20

Conoco Phillips # 5830

Received: 06/07/2005 18:30

Site: 2799 Yulupa Ave., Santa Rosa

Batch QC Report					
Prep(s): 5030B			Test(s): 8260B		
Method Blank			Water		
MB: 2005/06/18-1B.62-038			QC Batch # 2005/06/18-1B.62		
			Date Extracted: 06/18/2005 07:38		
Compound	Conc.	RL	Unit	Analyzed	Flag
GRO (C6-C12)	ND	50	ug/L	06/18/2005 07:38	
Benzene	ND	0.5	ug/L	06/18/2005 07:38	
Toluene	ND	0.5	ug/L	06/18/2005 07:38	
Ethylbenzene	ND	0.5	ug/L	06/18/2005 07:38	
Total xylenes	ND	1.0	ug/L	06/18/2005 07:38	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	06/18/2005 07:38	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	06/18/2005 07:38	
Di-isopropyl Ether (DIPE)	ND	0.5	ug/L	06/18/2005 07:38	
Ethyl tert-butyl ether (ETBE)	ND	0.5	ug/L	06/18/2005 07:38	
tert-Amyl methyl ether (TAME)	ND	0.5	ug/L	06/18/2005 07:38	
1,2-DCA	ND	0.5	ug/L	06/18/2005 07:38	
EDB	ND	0.5	ug/L	06/18/2005 07:38	
Ethanol	ND	50	ug/L	06/18/2005 07:38	
Surrogates(s)					
1,2-Dichloroethane-d4	103.8	73-130	%	06/18/2005 07:38	
Toluene-d8	102.6	81-114	%	06/18/2005 07:38	

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Project: 41050001FA20

Conoco Phillips # 5830

Received: 06/07/2005 18:30

Site: 2799 Yulupa Ave., Santa Rosa

Batch QC Report					
Prep(s): 5030B			Test(s): 8260B		
Method Blank			Water		QC Batch # 2005/06/19-1A.64
MB: 2005/06/19-1A.64-010			Date Extracted: 06/19/2005 07:10		
Compound	Conc.	RL	Unit	Analyzed	Flag
GRO (C6-C12)	ND	50	ug/L	06/19/2005 07:10	
Benzene	ND	0.5	ug/L	06/19/2005 07:10	
Toluene	ND	0.5	ug/L	06/19/2005 07:10	
Ethylbenzene	ND	0.5	ug/L	06/19/2005 07:10	
Total xylenes	ND	1.0	ug/L	06/19/2005 07:10	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	06/19/2005 07:10	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	06/19/2005 07:10	
Di-isopropyl Ether (DIPE)	ND	0.5	ug/L	06/19/2005 07:10	
Ethyl tert-butyl ether (ETBE)	ND	0.5	ug/L	06/19/2005 07:10	
tert-Amyl methyl ether (TAME)	ND	0.5	ug/L	06/19/2005 07:10	
1,2-DCA	ND	0.5	ug/L	06/19/2005 07:10	
EDB	ND	0.5	ug/L	06/19/2005 07:10	
Ethanol	ND	50	ug/L	06/19/2005 07:10	
Surrogates(s)					
1,2-Dichloroethane-d4	93.3	73-130	%	06/19/2005 07:10	
Toluene-d8	102.1	81-114	%	06/19/2005 07:10	

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Project: 41050001FA20

Conoco Phillips # 5830

Received: 06/07/2005 18:30

Site: 2799 Yulupa Ave., Santa Rosa

Batch QC Report					
Prep(s): 5030B			Test(s): 8260B		
Method Blank			Water		QC Batch # 2005/06/19-1A.66
MB: 2005/06/19-1A.66-039			Date Extracted: 06/19/2005 08:39		
Compound	Conc.	RL	Unit	Analyzed	Flag
GRO (C6-C12)	ND	50	ug/L	06/19/2005 08:39	
Benzene	ND	0.5	ug/L	06/19/2005 08:39	
Toluene	ND	0.5	ug/L	06/19/2005 08:39	
Ethylbenzene	ND	0.5	ug/L	06/19/2005 08:39	
Total xylenes	ND	1.0	ug/L	06/19/2005 08:39	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	06/19/2005 08:39	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	06/19/2005 08:39	
Di-isopropyl Ether (DIPE)	ND	0.5	ug/L	06/19/2005 08:39	
Ethyl tert-butyl ether (ETBE)	ND	0.5	ug/L	06/19/2005 08:39	
tert-Amyl methyl ether (TAME)	ND	0.5	ug/L	06/19/2005 08:39	
1,2-DCA	ND	0.5	ug/L	06/19/2005 08:39	
EDB	ND	0.5	ug/L	06/19/2005 08:39	
Ethanol	ND	50	ug/L	06/19/2005 08:39	
Surrogates(s)					
1,2-Dichloroethane-d4	101.4	73-130	%	06/19/2005 08:39	
Toluene-d8	97.1	81-114	%	06/19/2005 08:39	

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Project: 41050001FA20

Conoco Phillips # 5830

Received: 06/07/2005 18:30

Site: 2799 Yulupa Ave., Santa Rosa

Batch QC Report									
Prep(s): 5030B					Test(s): 8260B				
Laboratory Control Spike			Water			QC Batch # 2005/06/18-1A.64			
LCS	2005/06/18-1A.64-020		Extracted: 06/18/2005			Analyzed: 06/18/2005 06:20			
LCSD									

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Methyl tert-butyl ether (MTBE)	24.6		25	98.4			65-165	20		
Benzene	26.0		25	104.0			69-129	20		
Toluene	27.7		25	110.8			70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	443		500	88.6			73-130			
Toluene-d8	501		500	100.2			81-114			

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Project: 41050001FA20

Conoco Phillips # 5830

Received: 06/07/2005 18:30

Site: 2799 Yulupa Ave., Santa Rosa

Batch QC Report									
Prep(s): 5030B					Test(s): 8260B				
Laboratory Control Spike			Water			QC Batch # 2005/06/18-1A.66			
LCS		2005/06/18-1A.66-029			Extracted: 06/18/2005		Analyzed: 06/18/2005 07:29		
LCSD									

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Methyl tert-butyl ether (MTBE)	21.8		25	87.2			65-165	20		
Benzene	25.2		25	100.8			69-129	20		
Toluene	27.7		25	110.8			70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	471		500	94.2			73-130			
Toluene-d8	490		500	98.0			81-114			

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Project: 41050001FA20

Conoco Phillips # 5830

Received: 06/07/2005 18:30

Site: 2799 Yulupa Ave., Santa Rosa

Batch QC Report		
Prep(s): 5030B	Test(s): 8260B	
Laboratory Control Spike	Water	QC Batch # 2005/06/18-1B.62
LCS 2005/06/18-1B.62-012	Extracted: 06/18/2005	Analyzed: 06/18/2005 07:12
LCSD		

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Methyl tert-butyl ether (MTBE)	24.1		25	96.4			65-165	20		
Benzene	25.4		25	101.6			69-129	20		
Toluene	27.6		25	110.4			70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	470		500	94.0			73-130			
Toluene-d8	499		500	99.8			81-114			

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Project: 41050001FA20
Conoco Phillips # 5830

Received: 06/07/2005 18:30

Site: 2799 Yulupa Ave., Santa Rosa

Batch QC Report			
Prep(s): 5030B		Test(s): 8260B	
Laboratory Control Spike		Water	
QC Batch # 2005/06/19-1A.64		QC Batch # 2005/06/19-1A.64	
LCS	2005/06/19-1A.64-034	Extracted: 06/19/2005	Analyzed: 06/19/2005 07:34
LCSD			

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Methyl tert-butyl ether (MTBE)	23.4		25	93.6			65-165	20		
Benzene	24.6		25	98.4			69-129	20		
Toluene	27.0		25	108.0			70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	446		500	89.2			73-130			
Toluene-d8	510		500	102.0			81-114			

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Conoco Phillips # 5830

Received: 06/07/2005 18:30

Site: 2799 Yulupa Ave., Santa Rosa

Batch QC Report									
Prep(s): 5030B					Test(s): 8260B				
Laboratory Control Spike			Water			QC Batch # 2005/06/19-1A.66			
LCS		2005/06/19-1A.66-014			Extracted: 06/19/2005		Analyzed: 06/19/2005 08:14		
LCSD									

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Methyl tert-butyl ether (MTBE)	21.7		25	86.8			65-165	20		
Benzene	25.1		25	100.4			69-129	20		
Toluene	27.2		25	108.8			70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	484		500	96.8			73-130			
Toluene-d8	494		500	98.8			81-114			

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Project: 41050001FA20

Conoco Phillips # 5830

Received: 06/07/2005 18:30

Site: 2799 Yulupa Ave., Santa Rosa

Batch QC Report			
Prep(s):	5030B	Test(s):	8260B
Matrix Spike (MS / MSD)		Water	QC Batch # 2005/06/18-1A.64
MS/MSD		Lab ID:	2005-06-0196 - 001
MS:	2005/06/18-1A.64-038	Extracted:	06/18/2005
		Analyzed:	06/18/2005 07:38
		Dilution:	1.00
MSD:	2005/06/18-1A.64-002	Extracted:	06/18/2005
		Analyzed:	06/18/2005 08:02
		Dilution:	1.00

Compound	Conc. ug/L			Spk.Level ug/L	Recovery %			Limits %		Flags	
	MS	MSD	Sample		MS	MSD	RPD	Rec.	RPD	MS	MSD
Methyl tert-butyl ether	22.6	19.2	ND	25	90.4	76.8	16.3	65-165	20		
Benzene	23.8	21.2	ND	25	95.2	84.8	11.6	69-129	20		
Toluene	25.1	21.8	ND	25	100.4	87.2	14.1	70-130	20		
Surrogate(s)											
1,2-Dichloroethane-d4	466	449		500	93.2	89.8		73-130			
Toluene-d8	501	607		500	100.2	121.4		81-114			S7

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

06/25/2005 11:39

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive

Irvine, CA 92718

Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20

Conoco Phillips # 5830

Received: 06/07/2005 18:30

Site: 2799 Yulupa Ave., Santa Rosa

Batch QC Report			
Prep(s):	5030B	Test(s):	8260B
Matrix Spike (MS / MSD)		Water	QC Batch # 2005/06/18-1A.66
MS/MSD		Lab ID:	2005-06-0198 - 002
MS: 2005/06/18-1A.66-015		Extracted: 06/18/2005	Analyzed: 06/18/2005 09:15
			Dilution: 1.00
MSD: 2005/06/18-1A.66-040		Extracted: 06/18/2005	Analyzed: 06/18/2005 09:40
			Dilution: 1.00

Compound	Conc. ug/L			Spk.Level ug/L	Recovery %			Limits %		Flags	
	MS	MSD	Sample		MS	MSD	RPD	Rec.	RPD	MS	MSD
Methyl tert-butyl ether	18.9	18.8	ND	25	75.6	75.2	0.5	65-165	20		
Benzene	20.6	19.1	ND	25	82.4	76.4	7.6	69-129	20		
Toluene	23.2	21.8	ND	25	92.8	87.2	6.2	70-130	20		
Surrogate(s)											
1,2-Dichloroethane-d4	499	490		500	99.8	98.0		73-130			
Toluene-d8	504	506		500	100.8	101.2		81-114			

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Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive

Irvine, CA 92718

Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20

Conoco Phillips # 5830

Received: 06/07/2005 18:30

Site: 2799 Yulupa Ave., Santa Rosa

Batch QC Report			
Prep(s):	5030B	Test(s):	8260B
Matrix Spike (MS / MSD)		Water	QC Batch # 2005/06/18-1B.62
MS/MSD		Lab ID:	2005-06-0145 - 004
MS: 2005/06/18-1B.62-035		Extracted: 06/18/2005	Analyzed: 06/18/2005 08:35
			Dilution: 1.00
MSD: 2005/06/18-1B.62-001		Extracted: 06/18/2005	Analyzed: 06/18/2005 09:01
			Dilution: 1.00

Compound	Conc. ug/L			Spk.Level ug/L	Recovery %			Limits %		Flags	
	MS	MSD	Sample		MS	MSD	RPD	Rec.	RPD	MS	MSD
Methyl tert-butyl ether	23.7	23.6	ND	25	94.8	94.4	0.4	65-165	20		
Benzene	24.2	24.2	ND	25	96.8	96.8	0.0	69-129	20		
Toluene	26.8	25.9	ND	25	107.2	103.6	3.4	70-130	20		
Surrogate(s)											
1,2-Dichloroethane-d4	516	528		500	103.2	105.6		73-130			
Toluene-d8	513	505		500	102.6	101.0		81-114			

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Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive

Irvine, CA 92718

Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20

Conoco Phillips # 5830

Received: 06/07/2005 18:30

Site: 2799 Yulupa Ave., Santa Rosa

Batch QC Report			
Prep(s):	5030B		Test(s): 8260B
Matrix Spike (MS / MSD)		Water	QC Batch # 2005/06/19-1A.64
MS/MSD			Lab ID: 2005-06-0260 - 004
MS: 2005/06/19-1A.64-028		Extracted: 06/19/2005	Analyzed: 06/19/2005 08:28
			Dilution: 1.00
MSD: 2005/06/19-1A.64-052		Extracted: 06/19/2005	Analyzed: 06/19/2005 08:52
			Dilution: 1.00

Compound	Conc. ug/L			Spk.Level ug/L	Recovery %			Limits %		Flags	
	MS	MSD	Sample		MS	MSD	RPD	Rec.	RPD	MS	MSD
Methyl tert-butyl ether	20.2	22.6	ND	25	80.8	90.4	11.2	65-165	20		
Benzene	20.6	22.0	ND	25	82.4	88.0	6.6	69-129	20		
Toluene	22.1	23.5	ND	25	88.4	94.0	6.1	70-130	20		
Surrogate(s)											
1,2-Dichloroethane-d4	471	488		500	94.2	97.6		73-130			
Toluene-d8	498	498		500	99.6	99.6		81-114			

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06/25/2005 11:39

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips # 5830

Received: 06/07/2005 18:30

Site: 2799 Yulupa Ave., Santa Rosa

Batch QC Report			
Prep(s):	5030B	Test(s):	8260B
Matrix Spike (MS / MSD)	Water	QC Batch # 2005/06/19-1A.66	
MS/MSD		Lab ID:	2005-06-0260 - 003
MS: 2005/06/19-1A.66-040	Extracted: 06/19/2005	Analyzed:	06/19/2005 09:40
		Dilution:	1.00
MSD: 2005/06/19-1A.66-005	Extracted: 06/19/2005	Analyzed:	06/19/2005 10:05
		Dilution:	1.00

Compound	Conc. ug/L			Spk.Level ug/L	Recovery %			Limits %		Flags	
	MS	MSD	Sample		MS	MSD	RPD	Rec.	RPD	MS	MSD
Methyl tert-butyl ether	21.9	24.7	ND	25	87.6	98.8	12.0	65-165	20		
Benzene	20.9	22.0	ND	25	83.6	88.0	5.1	69-129	20		
Toluene	21.8	23.8	ND	25	87.2	95.2	8.8	70-130	20		
Surrogate(s)											
1,2-Dichloroethane-d4	491	513		500	98.2	102.6		73-130			
Toluene-d8	496	507		500	99.2	101.4		81-114			

Sample Receipt Checklist

Submission #: 2005-06-0202

Checklist completed by: SA		DATE	6/8/05
Courier: <input type="checkbox"/> STL SF	Courier <input type="checkbox"/> Fedex: UPS	Other	Client <input checked="" type="checkbox"/>
Log-In Details		Yes	No
1	Custody seals intact on shipping container/samples		/
2	Chain of custody present?		/
3	Chain of custody signed when relinquished and received?		/
4	All samples checked when COC relinquished		/
5	Chain of custody agrees with sample labels?		/
6	Samples in proper container/bottle?		/
7	Sample containers intact?		/
8	Sufficient sample volume for indicated test?		/
9	All samples received within holding time?		/

Cooler Temperature Compliance Check

Temperature Blank Reading	If no temp blank is submitted individual temperatures must be taken as per SOP.	Cooler Sample Temperature			
		#1	#2	#3	Average
		4	4	4	(4)
Reason for Elevated Temperature		Samples with Temp > 6°C - Comments			
<input type="checkbox"/> Ice Melted <input type="checkbox"/> Insufficient Ice <input type="checkbox"/> Samp. in boxes <input type="checkbox"/> Sampled < 4hr <input type="checkbox"/> Ice not req.					

VOA Sample Inspection

Are bubbles present in any of the VOA vials?	Sample #	Small	Med.	Large	Samples with broken, cracked or leaking containers
		0	0	0	
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Water - pH acceptable upon receipt?	Yes	No	Samples with Unacceptable pH		
	<input checked="" type="checkbox"/>	<input type="checkbox"/>			

pH adjusted- Preservative used: HNO₃ HCl H₂SO₄ NaOH ZnOAc - Lot #(s)

Comments:

Project Management (Routing for instruction of indicated discrepancy(ies))

Project Manager: (Initials) _____ Date: _____ / _____ / 05 Client contacted: Yes No

Summary of discussion:

Corrective Action (per PM/Client):

115672

ConocoPhillips Chain Of Custody Record

STL-San Francisco
 1230 Quarry Lane
 Pleasanton, CA 94566
 (925) 484-1919 (925) 484-1086 fax

ConocoPhillips Site Manager:
 INVOICE REMITTANCE ADDRESS:
2005-06-0202
 ConocoPhillips
 Attn: Dee Hutchinson
 3611 South Harbor, Suite 200
 Santa Ana, CA 92704

ConocoPhillips Work Order Number
1478 TR0501
 DATE: **06/07/05**
 PAGE: **1** of **1**

GLOBAL ID NO.
TD609700606
 CONCO-PHILLIPS SITE NUMBER
5830
 SITE ADDRESS (Print and Draw)
2799 YULUPA AVE.
 CONTO DELIVERABLE TO (IP or In-house)
Peter Thomson, TRC
thomson@trcsolutions.com
 PHONE NO.
949-341-7400

CONCO-PHILLIPS SITE NUMBER
5830
 SITE ADDRESS (Print and Draw)
2799 YULUPA AVE.
 CONTO DELIVERABLE TO (IP or In-house)
Peter Thomson, TRC
thomson@trcsolutions.com
 PHONE NO.
949-341-7400

ConocoPhillips Site Manager:
 INVOICE REMITTANCE ADDRESS:
2005-06-0202
 ConocoPhillips
 Attn: Dee Hutchinson
 3611 South Harbor, Suite 200
 Santa Ana, CA 92704

LAB USE ONLY	Field Point Name*	SAMPLING DATE	TIME	MATRIX	KG OF CONT.	Requested Analytes	FIELD NOTES: Contains/Preservative or PID Readings or Laboratory Notes	TEMPERATURE ON RECEIPT °C
	MW-10	06/07/05	0935	GW	3	8015M - TPHg Extractable 8250B - TPHg/BTEX/MIBx 8250B - TPHg/BTEX/B Oxygenates 8250B - TPHg/BTEX/B Oxygenates + methanol (8015M) 8250B - Full Scan VOCs (does not include oxygenates) 8270C - Semi-Volatiles 8015M/8021B - TPHg/BTEX/MIBx Lead <input type="checkbox"/> Total <input type="checkbox"/> TRLC <input type="checkbox"/> DTLCP	4°	UOAS WATER
	MW-9		0949					
	MW-11		1009					
	MW-7		1031					
	MW-1		0907					
	MW-2		0932					

Requested Analytes

Signature: *[Signature]*
 Date: **06/07/05**
 Time: **1300**
1830

TRC Alton Geoscience- Irvine

July 18, 2005

21 Technology Drive
Irvine, CA 92718

Attn.: Anju Farfan

Project#: 41050001FA20

Project: Conoco Phillips # 5830

Site: 2799 Yulupa Ave, Santa Rosa

Attached is our report for your samples received on 07/01/2005 09:58

This report has been reviewed and approved for release. Reproduction of this report is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after 08/15/2005 unless you have requested otherwise.

We appreciate the opportunity to be of service to you. If you have any questions, please call me at (925) 484-1919.

You can also contact me via email. My email address is: dsharma@stl-inc.com

Sincerely,



Dimple Sharma
Project Manager

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive

Irvine, CA 92718

Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20

Conoco Phillips # 5830

Received: 07/01/2005 09:58

Site: 2799 Yulupa Ave, Santa Rosa

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
MW-8	06/30/2005 10:28	Water	1
MW-3	06/30/2005 10:42	Water	2
MW-5	06/30/2005 10:56	Water	3
MW-4	06/30/2005 11:14	Water	4
MW-6	06/30/2005 11:55	Water	5

Sewer Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

07/15/2005 13:37

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive

Irvine, CA 92718

Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20

Conoco Phillips # 5830

Received: 07/01/2005 09:58

Site: 2799 Yulupa Ave, Santa Rosa

Prep(s): 5030B	Test(s): 8260B
Sample ID: MW-8	Lab ID: 2005-07-0024 - 1
Sampled: 06/30/2005 10:28	Extracted: 7/11/2005 14:04
Matrix: Water	QC Batch#: 2005/07/11-1C.68
pH: <2	

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C6-C12)	ND	50	ug/L	1.00	07/11/2005 14:04	
Benzene	ND	0.50	ug/L	1.00	07/11/2005 14:04	
Toluene	ND	0.50	ug/L	1.00	07/11/2005 14:04	
Ethylbenzene	ND	0.50	ug/L	1.00	07/11/2005 14:04	
Total xylenes	ND	1.0	ug/L	1.00	07/11/2005 14:04	
tert-Butyl alcohol (TBA)	8.7	5.0	ug/L	1.00	07/11/2005 14:04	
Methyl tert-butyl ether (MTBE)	0.62	0.50	ug/L	1.00	07/11/2005 14:04	
Di-isopropyl Ether (DIPE)	ND	0.50	ug/L	1.00	07/11/2005 14:04	
Ethyl tert-butyl ether (ETBE)	ND	0.50	ug/L	1.00	07/11/2005 14:04	
tert-Amyl methyl ether (TAME)	ND	0.50	ug/L	1.00	07/11/2005 14:04	
1,2-DCA	ND	0.50	ug/L	1.00	07/11/2005 14:04	
EDB	ND	0.50	ug/L	1.00	07/11/2005 14:04	
Ethanol	ND	50	ug/L	1.00	07/11/2005 14:04	
Surrogate(s)						
1,2-Dichloroethane-d4	96.9	73-130	%	1.00	07/11/2005 14:04	
Toluene-d8	97.0	81-114	%	1.00	07/11/2005 14:04	

Severn Trent Laboratories, Inc.

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07/15/2005 13:37

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive

Irvine, CA 92718

Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20

Conoco Phillips # 5830

Received: 07/01/2005 09:58

Site: 2799 Yulupa Ave, Santa Rosa

Prep(s):	5030B	Test(s):	8260B
Sample ID:	MW-3	Lab ID:	2005-07-0024 - 2
Sampled:	06/30/2005 10:42	Extracted:	7/11/2005 14:30
Matrix:	Water	QC Batch#:	2005/07/11-1C.68
pH:	<2		

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C6-C12)	ND	50	ug/L	1.00	07/11/2005 14:30	
Benzene	ND	0.50	ug/L	1.00	07/11/2005 14:30	
Toluene	ND	0.50	ug/L	1.00	07/11/2005 14:30	
Ethylbenzene	ND	0.50	ug/L	1.00	07/11/2005 14:30	
Total xylenes	ND	1.0	ug/L	1.00	07/11/2005 14:30	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	07/11/2005 14:30	
Surrogate(s)						
1,2-Dichloroethane-d4	93.2	73-130	%	1.00	07/11/2005 14:30	
Toluene-d8	100.5	81-114	%	1.00	07/11/2005 14:30	

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine

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21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips # 5830

Received: 07/01/2005 09:58

Site: 2799 Yulupa Ave, Santa Rosa

Prep(s): 5030B	Test(s): 8260B
Sample ID: MW-5	Lab ID: 2005-07-0024 - 3
Sampled: 06/30/2005 10:56	Extracted: 7/11/2005 14:56
Matrix: Water	QC Batch#: 2005/07/11-1C.68
pH: <2	

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C6-C12)	ND	50	ug/L	1.00	07/11/2005 14:56	
Benzene	ND	0.50	ug/L	1.00	07/11/2005 14:56	
Toluene	ND	0.50	ug/L	1.00	07/11/2005 14:56	
Ethylbenzene	ND	0.50	ug/L	1.00	07/11/2005 14:56	
Total xylenes	ND	1.0	ug/L	1.00	07/11/2005 14:56	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	07/11/2005 14:56	
Surrogate(s)						
1,2-Dichloroethane-d4	99.2	73-130	%	1.00	07/11/2005 14:56	
Toluene-d8	98.6	81-114	%	1.00	07/11/2005 14:56	

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive

Irvine, CA 92718

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Project: 41050001FA20

Conoco Phillips # 5830

Received: 07/01/2005 09:58

Site: 2799 Yulupa Ave, Santa Rosa

Prep(s):	5030B	Test(s):	8260B
Sample ID:	MW-4	Lab ID:	2005-07-0024 - 4
Sampled:	06/30/2005 11:14	Extracted:	7/11/2005 15:22
Matrix:	Water	QC Batch#:	2005/07/11-1C.68
pH:	<2		

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C6-C12)	ND	50	ug/L	1.00	07/11/2005 15:22	
Benzene	ND	0.50	ug/L	1.00	07/11/2005 15:22	
Toluene	ND	0.50	ug/L	1.00	07/11/2005 15:22	
Ethylbenzene	ND	0.50	ug/L	1.00	07/11/2005 15:22	
Total xylenes	ND	1.0	ug/L	1.00	07/11/2005 15:22	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	07/11/2005 15:22	
Surrogate(s)						
1,2-Dichloroethane-d4	95.8	73-130	%	1.00	07/11/2005 15:22	
Toluene-d8	100.6	81-114	%	1.00	07/11/2005 15:22	

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

07/15/2005 13:37

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive

Irvine, CA 92718

Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20

Conoco Phillips # 5830

Received: 07/01/2005 09:58

Site: 2799 Yulupa Ave, Santa Rosa

Prep(s):	5030B	Test(s):	8260B
Sample ID:	MW-6	Lab ID:	2005-07-0024 - 5
Sampled:	06/30/2005 11:55	Extracted:	7/11/2005 15:48
Matrix:	Water	QC Batch#:	2005/07/11-1C.68
pH:	<2		

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C6-C12)	ND	50	ug/L	1.00	07/11/2005 15:48	
Benzene	ND	0.50	ug/L	1.00	07/11/2005 15:48	
Toluene	ND	0.50	ug/L	1.00	07/11/2005 15:48	
Ethylbenzene	ND	0.50	ug/L	1.00	07/11/2005 15:48	
Total xylenes	ND	1.0	ug/L	1.00	07/11/2005 15:48	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	07/11/2005 15:48	
Methyl tert-butyl ether (MTBE)	0.89	0.50	ug/L	1.00	07/11/2005 15:48	
Di-isopropyl Ether (DIPE)	ND	0.50	ug/L	1.00	07/11/2005 15:48	
Ethyl tert-butyl ether (ETBE)	ND	0.50	ug/L	1.00	07/11/2005 15:48	
tert-Amyl methyl ether (TAME)	ND	0.50	ug/L	1.00	07/11/2005 15:48	
1,2-DCA	ND	0.50	ug/L	1.00	07/11/2005 15:48	
EDB	ND	0.50	ug/L	1.00	07/11/2005 15:48	
Ethanol	ND	50	ug/L	1.00	07/11/2005 15:48	
Surrogate(s)						
1,2-Dichloroethane-d4	96.3	73-130	%	1.00	07/11/2005 15:48	
Toluene-d8	99.5	81-114	%	1.00	07/11/2005 15:48	

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

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07/15/2005 13:37

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips # 5830

Received: 07/01/2005 09:58

Site: 2799 Yulupa Ave, Santa Rosa

Batch QC Report		
Prep(s): 5030B		Test(s): 8260B
Method Blank	Water	QC Batch # 2005/07/11-1C.68
MB: 2005/07/11-1C.68-012		Date Extracted: 07/11/2005 09:12

Compound	Conc.	RL	Unit	Analyzed	Flag
GRO (C6-C12)	ND	50	ug/L	07/11/2005 09:12	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	07/11/2005 09:12	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	07/11/2005 09:12	
Di-isopropyl Ether (DIPE)	ND	0.5	ug/L	07/11/2005 09:12	
Ethyl tert-butyl ether (ETBE)	ND	0.5	ug/L	07/11/2005 09:12	
tert-Amyl methyl ether (TAME)	ND	0.5	ug/L	07/11/2005 09:12	
1,2-DCA	ND	0.5	ug/L	07/11/2005 09:12	
EDB	ND	0.5	ug/L	07/11/2005 09:12	
Benzene	ND	0.5	ug/L	07/11/2005 09:12	
Toluene	ND	0.5	ug/L	07/11/2005 09:12	
Ethylbenzene	ND	0.5	ug/L	07/11/2005 09:12	
Total xylenes	ND	1.0	ug/L	07/11/2005 09:12	
Ethanol	ND	50	ug/L	07/11/2005 09:12	
Surrogates(s)					
1,2-Dichloroethane-d4	100.8	73-130	%	07/11/2005 09:12	
Toluene-d8	97.4	81-114	%	07/11/2005 09:12	

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips # 5830

Received: 07/01/2005 09:58

Site: 2799 Yulupa Ave, Santa Rosa

Batch QC Report									
Prep(s): 5030B					Test(s): 8260B				
Laboratory Control Spike			Water			QC Batch # 2005/07/11-1C.68			
LCS	2005/07/11-1C.68-003		Extracted: 07/11/2005			Analyzed: 07/11/2005 08:03			
LCSD									

Compound	Conc. ug/L		Exp. Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Methyl tert-butyl ether (MTBE)	19.2		25	76.8			65-165	20		
Benzene	22.5		25	90.0			69-129	20		
Toluene	22.6		25	90.4			70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	403		500	80.6			73-130			
Toluene-d8	485		500	97.0			81-114			

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

07/15/2005 13:37

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive

Irvine, CA 92718

Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20

Conoco Phillips # 5830

Received: 07/01/2005 09:58

Site: 2799 Yulupa Ave, Santa Rosa

Batch QC Report			
Prep(s):	5030B	Test(s):	8260B
Matrix Spike (MS / MSD)		Water	QC Batch # 2005/07/11-1C.68
MS/MSD		Lab ID:	2005-06-0796 - 002
MS: 2005/07/11-1C.68-010		Extracted:	07/11/2005
		Analyzed:	07/11/2005 10:10
		Dilution:	5.00
MSD: 2005/07/11-1C.68-036		Extracted:	07/11/2005
		Analyzed:	07/11/2005 10:36
		Dilution:	5.00

Compound	Conc. ug/L			Spk.Level ug/L	Recovery %			Limits %		Flags	
	MS	MSD	Sample		MS	MSD	RPD	Rec.	RPD	MS	MSD
Methyl tert-butyl ether	110	115	ND	125	88.0	92.0	4.4	65-165	20		
Benzene	116	123	1.88	125	91.3	96.9	6.0	69-129	20		
Toluene	115	129	3.78	125	89.0	100.2	11.8	70-130	20		
Surrogate(s)											
1,2-Dichloroethane-d4	408	390		500	81.6	78.0		73-130			
Toluene-d8	477	521		500	95.4	104.2		81-114			

ConocoPhillips Chain Of Custody Record

117044

STL - San Francisco
 1220 Quarry Lane
 Pleasanton, CA 94566
 (925) 484-1919 (925) 484-1086 fax

ConocoPhillips Site Manager:
 INVOICE REMITTANCE ADDRESS:
2005-07-0024
 VARIOUS ID

ConocoPhillips Work Order Number
 1478 TR0501
 ConocoPhillips Cost Object

DATE 06/30/05
 PAGE 1 of 1

GLOBAL ID NO
 T0609700606
 CONOCO PHILLIPS ATE MANAGER

CONOCO PHILLIPS SITE NUMBER
 5830
 SITE ADDRESS (State and City)
 2799 YULIPIA AVE, SANTA ROSA
 (USE DELIVERABLE TO IF APPLICABLE)
 Peter Thomson, TRC
 pthomson@trcsolutions.com

TELEPHONE: 949-341-7440
 FAX: 949-753-0111

EMAIL: afarfan@trcsolutions.com
 CONSULTANT PROJECT NUMBER
 41050001FA20

SAMPLER NAME(S) (PH#)
 Wick R

TURNAROUND TIME CALENDAR DAY(S)
 14 DAYS 7 DAYS 72 HOURS 48 HOURS 24 HOURS LESS THAN 24 HOURS

SPECIAL INSTRUCTIONS OR NOTES:
 FIELD BOOK IS REQUIRED

SAMPLING COMPANY		SAMPLING DATE		SAMPLING TIME		MATRIX		NO. OF CONT.		FIELD NOTES							
LAB USE ONLY	NAME*	DATE	TIME	MATRIX	NO. OF CONT.	8015m - TPHd Extractable	9260B - TPHg/BTEX/MIBE	9260B - TPHg/BTEX / 8 Oxygenates	9260B - TPHg/BTEX / 8 Oxygenates + Methanol (8015M)	9250B - Full Scan VOCs (does not include oxygenates)	9270C - Semi-Volatiles	8015M/8021B - TPHg/BTEX/MIBE	Lead Total DTLG DTCLP	TPPH by 8260	BTEX/MTPE by 8260	Boys by 8260	TEMPERATURE (°C)
	MW-8	09/30	1028	GW	3									X	X	X	3 WAS WACK
	MW-3		1042														
	MW-5		1056														
	MW-4		1114														
	MW-6		1155														

REQUESTED ANALYSES

Prepared by: [Signature]
 Approved by: [Signature]
 Date: 06/30/05
 Time: 1330

Received by: [Signature]
 Date: 07/05/05
 Time: 09:55B

STATEMENTS

Purge Water Disposal

Non-hazardous groundwater produced during purging and sampling of monitoring was accumulated at TRC's groundwater monitoring facility at Concord, California, for transportation by Onyx Transportation, Inc., to the ConocoPhillips Refinery at Rodeo, California. Disposal at the Rodeo facility was authorized by ConocoPhillips in accordance with "ESD Standard Operating Procedures - Water Quality and Compliance", as revised on February 7, 2003. Documentation of compliance with ConocoPhillips requirements is provided by an ESD Form R-149, which is on file at TRC's Concord Office. Purge water suspected of containing potentially hazardous material, such as liquid-phase hydrocarbons, was accumulated separately in a drum for transportation and disposal by Filter Recycling, Inc.

Limitations

The fluid level monitoring and groundwater sampling activities summarized in this report have been performed under the responsible charge of a California Registered Geologist or Registered Civil Engineer and have been conducted in accordance with current practice and the standard of care exercised by geologists and engineers performing similar tasks in this area. No warranty, express or implied, is made regarding the conclusions and professional opinions presented in this report. The conclusions are based solely upon an analysis of the observed conditions. If actual conditions differ from those described in this report, our office should be notified.